

# Andrea Leganza

Andrea Leganza

+39-329-3622604  
[neogene@gmail.com](mailto:neogene@gmail.com)  
[www.leganza.it](http://www.leganza.it)

## Bio

---

**LAST AND FIRST NAME:** LEGANZA ANDREA

**GENDER:** Male

**REGISTERED RESIDENCE:** Rome - Italy

## Education

---

- Bachelor Degree in computer engineering from the "La Sapienza" University of Rome:

The thesis, developed and proposed by me, consisted of an e-learning system that used only software available under an open source license: Adobe FLEX 3 (SDK), the RED5 open source server and other technologies (libraries of the Apache Software Foundation, Java , PHP, MYSQL, ActionScript 3 etc). The teachers were able to transmit their lessons via a webcam using a common PC, without the students needing to download support software, but only using their browser enabled to view Adobe Flash content; the videos were recorded and subsequently usable also on demand.

## Foreign languages

---

- **English (B2 level).**

## Current job position

---

- Collaborations with **Made in Tomorrow** for the development of multimedia software, mainly for iPhone and iPad;
- Collaborations with **In4mal** for the development of AR, multimedia, VR, iOS, Android, Unity3D software;
- Collaborations with the **Deezl** company for the creation of 3D content and scenes in Unity and Unreal Engine

Andrea Leganza

+39-329-3622604  
[neogene@gmail.com](mailto:neogene@gmail.com)  
[www.leganza.it](http://www.leganza.it)

- Collaborations with **HART Studio** for the development of AR, 3D, iOS, Android, Unity3D software;
- Development of applications for the **iOS** platform (Swift & Obj-C);
- Development of applications for the **Android** platform (Kotlin & Java);
- Development of applications and videogames in **Unity3D**;
- Development of applications and videogames in **Unreal Engine 4**;

## IT certifications

---

- **Unity3D Certified Instructor**
- **Unity3D Certified Programmer 2018**
- **Unity3D Certified User 2019**
- **Apple Development with Swift Level 1**
- **SUN JAVA 1.6 Certified Programmer**;
- **Adobe ACE: Adobe Certified Expert in Flex 3 and AIR**;
- **EUCIP Core Certified**;

## Non-IT certifications

---

- **FIN** (Italian Swim federation) - 1° and 2° level teacher, swimming school coordinator;
- **PSS Diving certifications**: Open Water Diver, Advanced Water Diver, Deep Diver, First Aid, Rescue, Nitrox, Decompression Techniques, Oxygen, DiveMaster.
- **SSI diving certifications**: Night Diving, Search & Recovery, Navigation
- **FITARC**: Italian Archery association

Andrea Leganza

+39-329-3622604  
[neogene@gmail.com](mailto:neogene@gmail.com)  
[www.leganza.it](http://www.leganza.it)

## Videogames (check <https://www.leganza.it>)

---

- Finding Zero (2D - Unity3D)
- Bayer "Flipper Tensione" (3D - Unity3D)
- Nissan Pinball (3D - Unity3D)
- MSC cruises "Inner island" (Javascript)
- Giunti Editore / Avagliano: Pinocchio 3D (iOS - Cocos2D & 3D)
- Kinder memory (Adobe Flash - 2D)
- Enel "Glow" (3D - Unity3D)
- Alitalia "iAlitalia" (3D - Unity3D)
- Nissan Juke-R (3D - Unity3D)
- Nissan Nismo (3D - Unity3D)
- Nissan Juke (3D - Unity3D)

## Teaching

---

- For the 2023/24 academic year I play the role of lecturer at the IED (European Institute of Design) - Rome for the course of:
  - Development of Interactive Systems 2 related to the first level academic degree in media design
- For the year 2023 I'm covering the role of lecturer at the "Higher Technical Institute Foundation for New Life Technologies - Higher Technician for Biomedical Informatics 4.0" (Bergamo) for the course of:
  - Systems for augmented and virtual reality (Unity3D)
- For the year 2023 I'm covering the role of lecturer at the ITS Lazio Digital for the course of:
  - Game development with Unity3D and C#
- For the academic year 2023/24 I was a teacher at the Vigamus Academy in Rome for the course of:
  - Game design and development

*Andrea Leganza*

Andrea Leganza

+39-329-3622604  
[neogene@gmail.com](mailto:neogene@gmail.com)  
[www.leganza.it](http://www.leganza.it)

- For the academic year 2023/24 I'm covering the role of lecturer at the University "Link Campus University" of Rome for the courses of:
  - Game Design I - Game Development I Tools (Unity3D and Unreal)
  - Game Development I (Unity3D and Unreal)
  - Game Development Tools II (Unity3D and Unreal)
  - Game design (Unity3D and Unreal)
- For the 2022/23 academic year I play the role of lecturer at the IED (European Institute of Design) - Rome for the course of:
  - Development of Interactive Systems 2 related to the first level academic degree in media design
- For the academic year 2022/23 I'm covering the role of lecturer at the University "Link Campus University" of Rome for the courses of:
  - Game Design I - Game Development I Tools (Unity3D and Unreal)
  - Game Development I (Unity3D and Unreal)
  - Game Development Tools II (Unity3D and Unreal)
  - Game design (Unity3D and Unreal)
- For the academic year 2022/23 I was a teacher at the Vigamus Academy in Rome for the course of:
  - Game design and development
- For the year 2022 I'm covering the role of lecturer at the "Higher Technical Institute Foundation for New Life Technologies - Higher Technician for Biomedical Informatics 4.0" (Bergamo) for the course of:
  - Systems for augmented and virtual reality (Unity3D)
- For the academic year 2021/22 I'm covering the role of lecturer at the University "Link Campus University" of Rome for the courses of:

*Andrea Leganza*

Andrea Leganza

+39-329-3622604  
[neogene@gmail.com](mailto:neogene@gmail.com)  
[www.leganza.it](http://www.leganza.it)

- Game Design I - Game Development I Tools (Unity3D and Unreal)
- Game Development I (Unity3D and Unreal)
- Game Development Tools II (Unity3D and Unreal)
- Game design (Unity3D and Unreal)
- For the academic year 2021/22 I was a teacher at the Vigamus Academy in Rome for the course of:
  - Game design and development
- For the 2021/22 academic year I play the role of lecturer at the IED (European Institute of Design) - Cagliari for the course of:
  - Development of Multimedia Applications I related to the first level academic degree in media design
- For the year 2021 I covered the role of lecturer at the "Higher Technical Institute Foundation for New Life Technologies - Higher Technician for Biomedical Informatics 4.0" (Bergamo) for the course of:
  - Systems for augmented and virtual reality (Unity3D)
- For the academic year 2020/21 I covered the role of lecturer at the private University Link Campus University of Rome for the courses of:
  - Game Design I - Game Development I Tools (Unity3D and Unreal)
  - Game Development I (Unity3D and Unreal)
  - Game Development Tools II (Unity3D and Unreal)
  - Information Technologies and Digital Applications (computer science fundamentals)
- For the academic year 2020/21 I was a teacher at the Vigamus Academy in Rome for the course of:
  - Game design and development

*Andrea Leganza*

Andrea Leganza

+39-329-3622604  
[neogene@gmail.com](mailto:neogene@gmail.com)  
[www.leganza.it](http://www.leganza.it)

- For the year 2020 I covered the role of: teacher at the ENAIP institute in Rome for the course of:
  - Course Designer of web and multimedia applications with 3D specialization
- For the academic year 2019/20 I covered the role of teacher at the Vigamus Academy in Rome for the course of: Game design and development
- For the academic year 2019/2020 I am a lecturer at the University "Link Campus University" for the course of:
  - Game Development I tools and techniques (Unity3D and Unreal)
  - Game Development II tools and techniques (Unity3D and Unreal)
- For the year 2019 I covered the role of iOS, Cocoa Touch and Swift teacher at the INUIT "Tor Vergata" University Foundation in relation to the course managed by SIDA Group:
  - University Master Master in Web & Mobile Development
- For the year 2019 I held the role of teacher at the Computer Academy structure in relation to the courses:
  - iOS teacher, Cocoa Touch and Swift
  - Android, Java and Kotlin teacher
- For the academic year 2018/2019 I held the role of teacher at the ENAIP structure in Rome for the course of
  - Web Programmer Analyst - Fundamentals of programming and Javascript
- For the year 2018/19 I held the role of Java and Android teacher at the INUIT "Tor Vergata" University Foundation in relation to the course managed by SIDA Group:
  - University Master: Master in Web & Mobile Development
- For the academic year 2018/2019 I held the role of professor at the University "Link Campus University" for the course of:
  - Game Development I (Unity3D) tools and techniques

*Andrea Leganza*

Andrea Leganza

+39-329-3622604  
[neogene@gmail.com](mailto:neogene@gmail.com)  
[www.leganza.it](http://www.leganza.it)

- Game Development II tools and techniques (Unity3D and Unreal)
- For the academic year 2017/2018 I held the role of professor at the University "Link Campus University" for the course of:
  - Game Development I (Unity3D) tools and techniques
  - Game Development II tools and techniques (Unity3D)
- For the academic year 2017/2018 I held the role of professor at the La Sapienza University of Rome for internal staff in relation to the course of:
  - Android application development
- For the academic year 2017/2018 I held the role of teacher at the ENAIP institute in Rome for the course of
  - Social media manager
- For the 2016/2017 academic year I held the role of teacher at the Quasar institute in Rome for the three courses of
  - Fundamentals of Multimedia Languages;
  - Fundamentals of Mobile Application Design;
  - Development of applications on mobile devices and Unity3D;
- For the 2016/2017 academic year I held the role of professor at the University "Link Campus University" for the course of:
  - Game Development I (Unity3D) tools and techniques
  - Game Development II tools and techniques (Unity3D)
- For the 2015/2016 academic year, I held the position of professor at the University "Link Campus University" for the course of:
  - Game Development Tools and Techniques (Unity3D)
- For the 2015/2016 academic year I held the role of teacher at the ENAIP institute in Rome for the course of

*Andrea Leganza*

Andrea Leganza

+39-329-3622604  
[neogene@gmail.com](mailto:neogene@gmail.com)  
[www.leganza.it](http://www.leganza.it)

- Website development fundamentals / HTML / CSS / Javascript and mobile (Java / Android)
- Fundamentals of programming in C language for the development of multimedia / interactive / physical solutions through Arduino
- Website development fundamentals / HTML / CSS / Javascript;
- For the 2015/16 academic year I held the role of teacher at the Quasar institute in Rome for the three courses of
  - Fundamentals of Multimedia Languages;
  - Fundamentals of Mobile Application Design;
- For the 2015/16 academic year I held the role of teacher at the Quasar institute in Rome for the three courses of
  - Fundamentals of Multimedia Languages;
  - Development of applications on mobile devices and Unity3D;
  - SW Development

*Andrea Leganza*

## Working experience: mobile apps and games

---

The previews of the applications mentioned here are available on the site [www.leganza.it](http://www.leganza.it).

### APPLE IOS MOBILE APPLICATIONS:

---

The applications listed here have been made as regards the code entirely by myself, for the contents the sources are mixed::

1. **Fitprime** (<https://apps.apple.com/it/app/fitprime/id1093131568>)
2. **Kabeh (WIP)**
3. **Meetthink** (<https://apple.co/3DFUkTa>)



Andrea Leganza

+39-329-3622604  
neogene@gmail.com  
www.leganza.it

4. Terracina Cultural Experience  
(<https://apps.apple.com/us/app/terracina-cultural-experience/id1567794479>)
5. QApp (local deployment)
6. Tumpa  
(<https://apps.apple.com/us/app/id1508967079>)
7. GHD/Wella Social Kit (enterprise)
8. Buybyme  
<https://apps.apple.com/it/app/buy-by-me/id1414396655>
9. Libro dei fatti 2019 (contractor Made in Tomorrow - Adnkronos)  
<http://itunes.apple.com/it/app/libro-dei-fatti/id535746098?mt=8>
10. Il mondo dei numeri Treccani (contractor Made in Tomorrow - Treccani)  
<https://itunes.apple.com/us/app/il-mondo-in-numeri-treccani/id1447621700?l=it&ls=1&mt=8>
11. L'impiccato Treccani (contractor Made in Tomorrow - Treccani)  
<https://itunes.apple.com/us/app/l'impiccato-treccani/id1447231338?l=it&ls=1&mt=8>
12. Il Vocabolario Treccani (contractor Made in Tomorrow - Treccani)  
<https://itunes.apple.com/us/app/il-vocabolario-treccani/id1435682145?l=it&ls=1&mt=8>
13. I Sinonimi e contrari Treccani (contractor Made in Tomorrow - Treccani)  
<https://itunes.apple.com/us/app/i-sinonimi-e-contrari-treccani/id368171438?l=it&ls=1&mt=8>
14. Il Thesaurus Treccani (contractor Made in Tomorrow - Treccani)  
<https://itunes.apple.com/us/app/il-thesaurus-treccani/id1398986244?l=it&ls=1&mt=8>
15. Libro dei fatti 2018 (contractor Made in Tomorrow - Adnkronos)  
<https://itunes.apple.com/us/app/libro-dei-fatti-2018/id535746098?l=it&ls=1&mt=8>

*Andrea Leganza*

Andrea Leganza

+39-329-3622604  
neogene@gmail.com  
www.leganza.it

16. Narni sotterranea (cliente: comune di Narni - IN4MAL)  
<https://itunes.apple.com/us/app/narnia-4-0/id1438121557?l=it&ls=1&mt=8>
17. Okulox (contractor GAG)  
<https://itunes.apple.com/us/app/okulox/id1205624647?mt=8&ign-mpt=uo%3D2>
18. Wella Torino Tour WSC VR 360°(contractor HART Studio - Wella)  
<https://itunes.apple.com/us/app/wcs-vr-360/id1365754990?mt=8&ign-mpt=uo%3D4>
19. Necropoli di Tuvixeddu (contractor Ministero beni culturali)  
<https://itunes.apple.com/gb/app/tuvixeddu/id1257561008?mt=8>
20. Libro dei fatti 2017 (contractor Made in Tomorrow - Adnkronos)  
<http://itunes.apple.com/it/app/libro-dei-fatti/id535746098?mt=8>
21. Wella consultation (contractor HART studio - Wella)  
<https://itunes.apple.com/us/app/wella-consultation/id1291903740?mt=8>
22. If Beethoven was a Punk (cliente: Made in Tomorrow)  
<https://itunes.apple.com/us/app/if-beethoven-was-an-app/id1190355991?l=it&ls=1&mt=8>
23. Finding zero  
(<https://itunes.apple.com/it/app/finding-zero/id1080181773?mt=8>)
24. Glowe (contractor 101% / XFactor)  
<https://itunes.apple.com/it/app/glow/id1085676896?mt=8>
25. iAlitalia / Discover Alitalia (contractor 101% / Alitalia) pubblicato internamente
26. Il Pianeta degli Alberi di Natale (cliente: 101% / Poste Italiane)  
<https://itunes.apple.com/it/app/pianeta-alberi/id943057930?mt=8>
27. Treccani - La Grammatica Italiana (contractor Made in Tomorrow - Treccani)  
<https://itunes.apple.com/us/app/la-grammatica-italiana/id896662000?l=it&ls=1&mt=8>

*Andrea Leganza*

Andrea Leganza

+39-329-3622604  
neogene@gmail.com  
www.leganza.it

28. Adnkronos: libro dei fatti 2014 (contractor Made in Tomorrow)  
<http://itunes.apple.com/it/app/libro-dei-fatti/id535746098?mt=8>
29. TAEG Usura (contractor Fatrotek)  
<https://itunes.apple.com/us/app/taeg-usura/id780783388?l=it&ls=1&mt=8>
30. The Other You (contractor 101% - Triumph)  
<https://itunes.apple.com/it/app/the-other-you/id714341244?mt=8>
31. Marlboro HorseShoes (contractor 101% - Marlboro)  
Applicazione Unity3D per uso commerciale/interno
32. Marlboro 3D Packet (contractor 101% - Marlboro)  
Applicazione Unity3D per uso commerciale/interno
33. Treccani - Vocabolando (contractor Made in Tomorrow - Treccani)  
<https://itunes.apple.com/it/app/vocabolando/id873535433?mt=8>
34. Smartdonor (contractor Made in Tomorrow)  
- download link soon available
35. Best 4 Me (contractor Made in Tomorrow)  
-download link soon available
36. Nissan Juke Nismo Challenge (contractor TBWA - Nissan)  
<https://itunes.apple.com/it/app/nissan-juke-nismo-challenge/id686898885?mt=8>
37. Istituto Quasar (contractor Istituto Quasar)  
<https://itunes.apple.com/it/app/quasar/id637379031?mt=8>
38. Adnkronos: libro dei fatti 2013 (contractor Made in Tomorrow)  
<https://itunes.apple.com/us/app/libro-dei-fatti-2013/id909848322?l=it&ls=1&mt=8>
39. Dizionario Italiano Giunti-Treccani (contractor Made in Tomorrow):  
<https://itunes.apple.com/it/app/dizionario-della-lingua-italiana/id691859483?mt=8>
40. Shouttube (contractor shouttube.com)  
<https://itunes.apple.com/it/app/shouttube/id555338347?mt=8>

*Andrea Leganza*

Andrea Leganza

+39-329-3622604  
neogene@gmail.com  
www.leganza.it

41. Stereomood (contractor Made in Tomorrow)  
<https://itunes.apple.com/it/app/stereomood-tuning-my-emotions/id524634435?mt=8>
42. Rivista Formiche (contractor Made in Tomorrow)  
<https://itunes.apple.com/it/app/rivista-formiche/id570582725?mt=8>
43. Colline Romane Gourmet (contractor Made in Tomorrow)  
<https://itunes.apple.com/it/app/colline-romane-gourmet/id600401358?mt=8>
44. YOU GIVE (contractor Vianet)  
<http://itunes.apple.com/it/app/yougive/id465086616?mt=8>
45. iZ-up (contractor LogicSolution)  
<http://itunes.apple.com/us/app/iz-up/id535010358?mt=8>
46. Adnkronos: libro dei fatti 2012 (contractor Made in Tomorrow)  
<https://itunes.apple.com/us/app/libro-dei-fatti-2012/id698528855?l=it&ls=1&mt=8>
47. Itinerari del Gusto (contractor Made in Tomorrow)  
<http://itunes.apple.com/it/app/itinerari-del-gusto/id550620980?mt=8>
48. Rivista ItalianiEuropei (contractor Made in Tomorrow)  
<http://itunes.apple.com/it/app/rivista-italianieuropei/id530095645?mt=8>
49. Flipper Tensione (contractor Forchets - 101% - Bayer)  
<https://itunes.apple.com/it/app/flipper-tensione-hd/id557587889?mt=8>  
<https://itunes.apple.com/it/app/flipper-tensione/id557583010?mt=8>
50. Manuale tecnico Trelleborg (contractor KDev)  
<https://itunes.apple.com/it/app/manuale-tecnico-trelleborg/id584371994?mt=8>
51. Dizionario Treccani 2013 (contractor Made in Tomorrow)  
<https://itunes.apple.com/it/app/treccani-2013/id579596957?mt=8>
52. iPatente (contractor Egolabl, Poste Italiane e Ministero dei Trasporti)  
<https://itunes.apple.com/it/app/ipatente/id417705371?mt=8>

*Andrea Leganza*

Andrea Leganza

+39-329-3622604  
neogene@gmail.com  
www.leganza.it

- 53. **Lens Forward (contractor Made in Tomorrow)**  
<http://itunes.apple.com/it/app/lens-forward/id489326723?mt=8>
- 54. **Pinocchio3D (contractor Avagliano editore)**  
<http://itunes.apple.com/it/app/pinocchio3d/id465338975?mt=8>
- 55. **Poesia Treccani (contractor Made in Tomorrow)**  
<http://itunes.apple.com/it/app/poesia-italiana/id467337958?mt=8>
- 56. **Jonathan Catalog**  
<http://itunes.apple.com/it/app/jonathan/id410018805?mt=8>
- 57. **Biblioteca (ora Narrativa) Treccani (contractor Made in Tomorrow)**  
<http://itunes.apple.com/it/app/biblioteca-treccani/id406632538?mt=8>
- 58. **Dizionario Treccani (contractor Made in Tomorrow)**  
<http://itunes.apple.com/it/app/treccani/id368169415?mt=8>
- 59. **Dizionario Treccani dei Sinonimi e Contrari (contractor Made in Tomorrow)**  
<http://itunes.apple.com/it/app/treccani-sc/id368171438?mt=8>
- 60. **Applicazione ufficiale dell Notte della Taranta (contractor Made in Tomorrow)**  
<http://itunes.apple.com/it/app/la-notte-della-taranta/id385430995?mt=8>
- 61. **Codesat (contractor Fatrotek)**  
<http://itunes.apple.com/it/app/codesat/id393283402?mt=8>
- 62. **Newton 21 (contractor Newton21)**  
<http://itunes.apple.com/it/app/newton21-roma/id382263764?mt=8>
- 63. **Diritto Online (contractor Diritto Online)**  
<http://itunes.apple.com/it/app/diritto-online/id325295326?mt=8>
- 64. **Legal Advisor (contractor Diritto Online)**  
<http://itunes.apple.com/it/app/legal-advisor/id337044324?mt=8>
- 65. **Drinking water (contractor Made in Tomorrow)**  
<http://itunes.apple.com/it/app/drinking-water/id326356222?mt=8>
- 66. **Mushi Madness**  
<http://itunes.apple.com/it/app/mushi-madness/id303320883?mt=8>

*Andrea Leganza*

Andrea Leganza

+39-329-3622604  
neogene@gmail.com  
www.leganza.it

67. **IRisate**  
(<http://itunes.apple.com/it/app/irisate/id330162520?mt=8>)
68. **KDev SMS**  
(<http://itunes.apple.com/it/app/kdev-sms/id360990893?mt=8>)
69. **Test Mania - Tabagismo**  
(<http://itunes.apple.com/it/app/test-mania-tabagismo/id370207003?mt=8>)
70. **Test Mania - Quoziente di Attrattività**  
(<http://itunes.apple.com/it/app/id370210910?mt=8>)
71. **Test Mania - Dormire**  
(<http://itunes.apple.com/it/app/test-mania-dormire/id368178277?mt=8>)
72. **Test Mania - Stress**  
(<http://itunes.apple.com/it/app/test-mania-stress/id368179457?mt=8>)
73. **Test Mania - Liti di Coppia**  
(<http://itunes.apple.com/it/app/test-mania-liti-di-coppia/id368178786?mt=8>)
74. **Test Mania - Coppia**  
(<http://itunes.apple.com/it/app/test-mania-coppia/id370221816?mt=8>)
75. **Test Mania - Coccole**  
(<http://itunes.apple.com/it/app/test-mania-coccole/id370204014?mt=8>)
76. **Test Mania - Sicurezza Stradale**  
(<http://itunes.apple.com/it/app/test-mania-sicurezza-stradale/id368178511?mt=8>)
77. **Test Mania - Alimentazione**  
(<http://itunes.apple.com/it/app/test-mania-alimentazione/id368179002?mt=8>)

*Andrea Leganza*

#### GOOGLE ANDROID MOBILE APPLICATIONS:

---

The applications listed here have been made as regards the code entirely by myself, for the contents the sources are mixed:

1. **Terracina Cultural Experience**  
(<https://play.google.com/store/apps/details?id=it.terracina.experience>)

Andrea Leganza

+39-329-3622604  
[neogene@gmail.com](mailto:neogene@gmail.com)  
[www.leganza.it](http://www.leganza.it)

2. QApp
3. Tumpa  
(<https://play.google.com/store/apps/details?id=it.hartstudio.tumpa>)
4. GHD SocialKit
5. GHD Experience: esperienza multimediale per eventi
6. GHD Helios: esperienza multimediale per eventi
7. Poste Italiane: totem multimediale (non disponibile su Play Store)
8. Poste italiane: esperienza VR in Oculus GO
9. BuybyMe:  
<https://play.google.com/store/apps/details?id=it.buybyme.Buybyme>
10. Wella: totem multimediale (non disponibile su Play Store)
11. Narni sotterranea (cliente: comune di Narni)  
<https://play.google.com/store/apps/details?id=it.informal.narnisotterranea>
12. Okulox (contractor GAG)  
<https://play.google.com/store/apps/details?id=it.gag.okulox>
13. Wella Torino Tour WSC VR 360°(contractor HART Studio)  
<https://play.google.com/store/apps/details?id=it.tuvixeddu.app>
14. Necropoli di Tuvixeddu (contractor Ministero beni culturali)  
<https://play.google.com/store/apps/details?id=it.tuvixeddu.app>
15. Wella consultation (contractor HART studio)  
<https://play.google.com/store/apps/details?id=it.hart.wellaconsultation>
16. Santino Safety System (contractor Saatchi & Saatchi)  
<https://play.google.com/store/apps/details?id=it.groupama.santinosafetysystem&hl=it>
17. Finding zero  
([https://play.google.com/store/apps/details?id=com.gamelomania.findingzero&hl=en\\_GB](https://play.google.com/store/apps/details?id=com.gamelomania.findingzero&hl=en_GB))

*Andrea Leganza*

Andrea Leganza

+39-329-3622604  
neogene@gmail.com  
www.leganza.it

**18. Glowe (contractor 101% / XFactor) :**

<https://play.google.com/store/apps/details?id=com.isnt.glow>

**19. iAlitalia / Discover Alitalia (contractor 101% / Alitalia) pubblicato internamente**

**20. Il Pianeta degli Alberi di Natale (cliente: 101% / Poste Italiane)**

<https://play.google.com/store/apps/details?id=it.centounopercento.pianetaalberi&hl=en>

**21. TAEG Usura (contractor Fatrotek);**

<https://play.google.com/store/apps/details?id=com.fatrotek.taegusura&hl=en>

**22. Nissan Juke Nismo Challenge (contractor TBWA - Nissan)**

<https://play.google.com/store/apps/details?id=it.nissan.nismochallenge>

**23. Shouttube (contractor Shouttube.com)**

<https://play.google.com/store/apps/details?id=com.shouttube&hl=en>

**24. iZ-up (contractor LogicSolution)**

[https://play.google.com/store/apps/details?id=com.logicsolution.iz\\_up](https://play.google.com/store/apps/details?id=com.logicsolution.iz_up)

**25. FlipperTensione (temporaneamente non disponibile)**

<https://play.google.com/store/apps/details?id=com.forchets.flippertensione&hl=en>

## Articles written for the IT magazine "Io Programmo":

---

I have collaborated with the magazine "Io Programmo" since 2008. All the articles are focused more on the theoretical-didactic aspect than on the purely code one, the aim is to provide the greatest amount of notions to understand the topic without requiring the complete software development. Each article describes the merits, defects, risks of using the various libraries and associated technologies. Each item, when needed, comes with a project made in the process technology, fully functional. The need to make the topics covered clear and simple requires very in-depth training, for this reason I have to my credit the reading of over a hundred books on programming and on IT technologies. Currently the creation of the articles has focused on the development of software on

*Andrea Leganza*



Andrea Leganza

+39-329-3622604  
[neogene@gmail.com](mailto:neogene@gmail.com)  
[www.leganza.it](http://www.leganza.it)

iPhone / iPad, at the moment I am the only programmer in Italy to produce articles in printed paper on the subject, but I have made several articles on Adobe Flex, Microsoft KINECT, CUDA (the only articles in Italy on this technology, also published on the official NVIDIA website), Adobe Flash, Phase, C # / Flex interfacing with the "Wiimote" Wii controller, Augmented Reality, etc.

#### **APPLE IOS ARTICLES:**

- Article dedicated to the innovations introduced by Swift 3
- Article dedicated to the news of iOS 10
- Creation of an application that interfaces with the libraries made by Nike
- Creation of an application that interfaces with Spotify
- Creation of a modular application configurable through JSON content available online.
- Introduction to the new features of SDK 6;
- Introduction to box2D, the physics engine for iOS integrated with Cocos2d (two numbers);
- Introduction to the new features of SDK 5 (divided into two numbers)
- iTunes file Sharing, Fast Enumeration, Quick Look and Properties;
- Introduction to the new features of SDK 4 (Local Notifications, SMS in-APP, iAD);
- Publication on the Apple Store (divided into two numbers);
- Creation of an RSS feed reader on iPhone (divided into two numbers);
- Creation of software for editing and sending virtual postcards via email;
- Creation of a software to manage multitouch and move contents by touch;
- Creation of software to analyze accelerometer data;
- Realization of a software to show a digital alarm using NSTimer and NSDate and play sounds;

*Andrea Leganza*

Andrea Leganza

+39-329-3622604  
[neogene@gmail.com](mailto:neogene@gmail.com)  
[www.leganza.it](http://www.leganza.it)

- Development of a software that uses the UITableView component (divided into several numbers); all topics related to memory management, including leaks, and zombies, have been explained in this article.
- Creation of an integrated web browser;
- First 10-page article in Italy on iPhone programming, published in September 2008).

#### **FLASH/FLEX/AIR ARTICLES:**

- Creating a Google Chrome clone using Adobe Flex and Adobe Air (November 2008 issue);
- Creation of software that uses a library for augmented reality and Papervision 3D, showing the 3D model of the Colosseum and particle effects (snow).

#### **ARTICLES ON NINTENDO WII PROGRAMMING:**

- Realization of a seismograph using the Wii controller; software developed in C # (8 pages, dedicated cover of the magazine, June 2008 issue);
- Control of a three-dimensional avatar with speech synthesis in .NET, C # commanded by the Wii controller (July 2008 issue);
- Digital Whiteboard System with Wii Controller Drawing in .NET, C # (October 2008 issue);
- Building a camera trap using the Wii controller, a webcam, Adobe Flex and C # (November 2008 issue);

#### **ARTICLES ON MICROSOFT KINECT PROGRAMMING:**

- Creation of an application in C # language for the remote control of the computer pointer through the movements of the hand;
- First article in Italy that deals with how to interface with Kinect, the device made by Microsoft to allow hands-free interaction.

*Andrea Leganza*

Andrea Leganza

+39-329-3622604  
[neogene@gmail.com](mailto:neogene@gmail.com)  
[www.leganza.it](http://www.leganza.it)

#### ARTICLES ON DIFFERENT TECHNOLOGIES:

- **Bot Telegram with Raspberry Pi**
- **Phaser:**
  - Phaser Introduction to the library
  - Realization of a Flappy Birds clone
  - Realization of a Tetris clone
  - Creation of a Space Shooter clone
  - Realization of a Pong clone
  - Creation of a Breakout clone
  - Realization of a Minesweeper clone
  - Realization of a Snake clone
  - Realization of an Asteroids clone
- Unity 5.0: introduction to the development, implementation and customization environment of a three-dimensional horizontal scrolling platform;
- AR-DRONE: article dedicated to controlling the AR.Drone 2.0 flying drone via SDK on iOS devices;
- D3: article on the Javascript framework dedicated to the creation of 2D graphics;
- CUDA: the only article in Italy of about ten pages on Nvidia technology to use the computing power of GPUs to perform accelerated and parallel calculations (cover of the March 2009 issue); Nvidia Italia has published the entire article on the website <http://www.nvidia.it/page/reviews.html#3cuda> (technology section);
- GO: programming language developed by Google;
- Mono: framework for developing and running .NET on non-Microsoft platforms;

*Andrea Leganza*

Andrea Leganza

+39-329-3622604  
[neogene@gmail.com](mailto:neogene@gmail.com)  
[www.leganza.it](http://www.leganza.it)

- Project Darkstar: Java framework developed in the SUN laboratories for the creation of virtual worlds and online communities;
- haXe: programming language capable of compiling for different platforms (cover of the May 2009 issue); in addition to the explanation of the language I carried out an interview with the developer (same issue of the magazine);
- Augmented Reality: Adobe Flex software created by integrating Papervision 3D (April 2009 issue); augmented reality simulation software without the use of special libraries using Away3D (April 2009 issue);

#### INTERVIEWS:

- **Bjarne Stroustrup**: interview with the creator of the C ++ language, the interview was proposed and carried out by myself;
- **Daniel Sabbah**: interview with the IBM manager responsible for the creation of the Eclipse project;
- **Daniel Cannasse**: interview with the creator of the haXe language;
- **Ricardo Quesada**: interview with the creator of Cocos2D;

*Andrea Leganza*

## Working experience: general

---

### 2023

---

- **project manager, senior developer, game designer** at I'ITS Lazio Digital in Rome for the project 2023 (the project won the 2nd place):
  - **Digital innovation and cybersecurity: "Games Bond"**

Andrea Leganza

+39-329-3622604  
[neogene@gmail.com](mailto:neogene@gmail.com)  
[www.leganza.it](http://www.leganza.it)

## 2022

---

Technical consultant for the **European project Erasmus DInSad – Digital Inclusion of Low Skilled Adults**: I played the role of creator of board game contents and digital game contents.

## 2021

---

- Realization of multimedia system based on iBeacon for the Municipality of Terracina
- Realization of iOS and Android application for the Municipality of Terracina: Terracina Cultural Experience
- Realization of a commercial Android application for GHD;
- Support as senior iOS developer for the "Coccole Pampers" application
- Technical consultant for the European project Erasmus DInSad - Digital Inclusion of Low Skilled Adults

## 2020

---

- Development of the iOS and Android "Salogram" application
- Development of the iOS and Android application "Tumpa"
- Realization of the iOS application "MeetThink"

*Andrea Leganza*

Andrea Leganza

+39-329-3622604  
[neogene@gmail.com](mailto:neogene@gmail.com)  
[www.leganza.it](http://www.leganza.it)

## 2019

---

- Backend / backoffice creation of the site <http://www.buybyme.net> in PHP / LARAVEL, including API
- Realization of a commercial application for GHD;
- Totem creation and interactive quiz for Poste Italiane on multimedia totems;
- Application development for Oculus GO for Poste Italiane;
- Realization of application for interactive Totem for Wella;

## 2018

---

- Application development for Oculus GO for IRCA;
- Development of applications for Oculus GO and Cardboard for Wella;
- Realization of an interactive Totem for the Tuvixeddu Necropolis - Ministry of Cultural Heritage - Municipality of Cagliari;
- Realization of multimedia system based on iBeacon for the Municipality of Cagliari

## 2017

---

- Realization of Treccani iOS application updates
- Realization of updates for iOS applications Adnkronos

## 2016

---

- Backend / backoffice creation of the site <http://dixanlamiascelta.donnad.it>

*Andrea Leganza*

Andrea Leganza

+39-329-3622604  
[neogene@gmail.com](mailto:neogene@gmail.com)  
[www.leganza.it](http://www.leganza.it)

## 2015

---

- Backend / backoffice environment creation, dynamic generation of assets, database management, interfacing and population, development of social sharing methods, routing management via .htaccess, website <http://innerisland.msccruises.com> for MSC Cruises;
- Technology manager and web architect of the [www.cornetto.com](http://www.cornetto.com) portal for Algida / Unilever;
- Realization of the backend / backoffice environment of the portal [www.my-cornetto.com](http://www.my-cornetto.com) for Algida / Unilever;
- Realization of the backend / backoffice environment of the [lamiascelta.it](http://lamiascelta.it) site for Dixan / Henkel Italia.
- Prototypes of immersive experiences in OCULUS RIFT v2 and Unity3D;
- Applications and videogame prototypes in Unreal Engine 4;

## 2014

---

- Prototypes of immersive experiences in OCULUS RIFT v2 and Unity3D;
- Creation of a multi-platform HTML5 webapp using the PHASER.IO framework;
- Multiplatform webapp creation in HTML5 with CORDOVA / PHONEGAP;
- Multiplatform webapp creation in HTML5 with Adobe Edge;
- Technical supervision of web / mobile game in HTML5 Estatheo Adventure created by 101D for the company Ferrero.
- Creation of the ADIDAS #allin or nothing interactive experience, consisting of two interactive totems via webcam capable of tracing the face and applying the textures of the different footwear models of the 2014 Adidas World Cup to the user's body; the system took pictures interactively and, through a web server created ad hoc, allowed them to be printed using a specially designed iPad application. All the software

*Andrea Leganza*

Andrea Leganza

+39-329-3622604  
[neogene@gmail.com](mailto:neogene@gmail.com)  
[www.leganza.it](http://www.leganza.it)

technologies of the entire solution were created by myself (Cocoa, Cocoa Touch, Objective-C, HTML, Javascript, PHP)

## 2013

---

- Design of scoring algorithms and synchronized timing system for the Findomestic 'NeiTuoIPanni' contest;
- Creation of Mini Flash content Nissan GPL Family;
- Realization of the Nissan Juke Nismo Challenge cross-platform game in Unity3D for iOS and Android platforms;
- Realization of the driving game and the web contest in Unity3D Wired vs Vanity "Drive";
- Creation of the 'Renault Captur and Instagram' web contest;
- Creation of four multimedia totems for the Fendi international event held at the Cavalieri Hilton hotel in Rome in Adobe Flash and Adobe Flex;
- Creation of a semi-transparent multimedia bulletin board dedicated to the Peekaboo bag for the Fendi international event held at the Cavalieri Hilton hotel in Rome;
- Collaboration with the MiT company for the creation of iPhone / iPad applications Colline Romane Gourmet, Lens Forward Special Alberto Sordi, Treccani Universal Art Chronology;
- Website creation [www.centounopercento.com](http://www.centounopercento.com);
- Collaboration with the company LogicSolution for the iOS Rebinfo application;
- Realization of the Stereomood application;
- other collaborations are in progress.

*Andrea Leganza*



Andrea Leganza

+39-329-3622604  
[neogene@gmail.com](mailto:neogene@gmail.com)  
[www.leganza.it](http://www.leganza.it)

## 2012

---

- Game creation in Unity3D Juke-R in Unity3D on the portal <http://juketown.nissan.it>
- Creation of the Findomestic Youtube channel (<http://www.youtube.com/findomestic>);
- Realization of 3D multiplatform game in Unity3D "Flipper Tension" on iOS (iPad and iPhone / iPod / and Android (<https://play.google.com/store/apps/details?id=com.forchets.flippertensione&hl=en>);
- Collaboration with the MiT company for the development of iPhone / iPad applications in addition to those already published on behalf of Treccani (Dictionary, Dictionary Sin. Contr, Italian Narrative, Italian Poetry), ItalianiEuropei, Formiche, new Night version of the Taranta etc);
- Realization of the iPatente application for the Egolab company;
- Collaboration with LogicSolution company for the development of iOS and Android iZ-up applications ([https://play.google.com/store/apps/details?id=com.logicsolution.iz\\_up](https://play.google.com/store/apps/details?id=com.logicsolution.iz_up)
- Realization of the Shouttube application for iOS (<https://itunes.apple.com/it/app/shouttube/id555338347?mt=8>) and Android ([https://play.google.com/store/apps/details?id=com.shouttube & hl = en](https://play.google.com/store/apps/details?id=com.shouttube&hl=en));

## 2011

---

- Game creation in Unity3D Boost190 on behalf of 101% regarding the Nissan campaign <http://juketown.nissan.it>, created by TBWA (with OMD and DNSEE);
- Collaboration with the MiT company for the creation of iPhone / iPad applications in addition to those already published on behalf of Treccani (Dizionario, Dizionario Sin. Contr, Italian Narrative, Italian Poetry);
- Management of the computer system (intranet, web) of the Galleria F. Russo art gallery in Rome.

*Andrea Leganza*

Andrea Leganza

+39-329-3622604  
[neogene@gmail.com](mailto:neogene@gmail.com)  
[www.leganza.it](http://www.leganza.it)

- Collaboration with the Vianet company for the creation of a mobile application for iOS dedicated to donations for non-profit associations.
- Various collaborations with BAU Group, Cannot Be Serious and 101%: creation of numerous websites with Adobe Flex technology, PHP, ASP, XHTML etc; some software on iPad / iPhone are under construction.
- Collaborations with the Newton 21 company for the development of some mobile applications;
- Creation of a specially modified version of the eMule application in Visual C ++ language for Win Magazine.
- Realization in collaboration with the company 101% of the application for iPad Pinocchio3D;
- Website creation <http://www.rinaldilawf.com>;
- Creation of the "Poetry" application for iPhone / iPad for the Treccani company.
- Collaboration with the GAIA company for the creation of an Adobe Flex technology player for viewing multimedia content of RAI - Italian Radio Television within the Playstation 3 console and on Facebook;
- Collaboration with RAI - Italian Radio Television for the creation of a video component for iPhone / iPad that was to be installed within all the applications that will be published on these platforms by the aforementioned company;

## 2010

---

- Newton 21: Creation of the website [www.3mccn.it](http://www.3mccn.it) for the Municipality of Rome - Terzo Municipio;
- Newton 21: creation of a hybrid iPhone / iPad application;
- RAI: creation of video player in Flex 4 on the Facebook page of RAI 5;

*Andrea Leganza*

Andrea Leganza

+39-329-3622604

[neogene@gmail.com](mailto:neogene@gmail.com)

[www.leganza.it](http://www.leganza.it)

- Treccani: development of the two iPhone applications Dictionary and Dictionary of Synonyms and Antonyms for iPhone; creation of the Il Treccani application for iPad; creation of the Treccani Library application for iPad;
- Made in Tomorrow: creation of the "Drinking Water" iPhone application, and the official application for the "Notte della Taranta" event also for iPhone;
- KDev: creation of an iPhone application for sending SMS provided by a paid service; creation of an Adobe Flex RIA application for sending SMS online;
- 10 "Test Mania" applications for iPhone with the advice of psychologist Brunella Gasperini;
- Innova S.p.A .: support as a senior programmer for the completion of the Geco platform, based on JAVA.

## 2002 - 2009

---

- Toyota: I made a software in Adobe AIR to analyze the log files of the Toyota servers, the files were in Excel format so it was necessary to create a parser; I also provided support as a Flash developer during the realization phases of the Toyota RAV4 web advertising campaign;
- Messagenie: I have created a software in Adobe Flex which, interfacing with an embedded Linux based device, containing a GPRS modem, is able to manage the receipt and sending of SMS and MMS, address book, attachments, sending to email boxes, and other features, in a very intuitive way using an interface similar to Microsoft Outlook.
- Innova SpA: I provided consultancy for the implementation as a senior programmer in an experimental project that concerned the analysis, simulation and optimization of business dynamics using artificial intelligence (Intelligent Agents) through Java-based software and open source libraries;
- Unicity: I made a conversion module from excel file to html using java technologies (servlet) with open source libraries on Magnolia cms;

*Andrea Leganza*

Andrea Leganza

+39-329-3622604  
[neogene@gmail.com](mailto:neogene@gmail.com)  
[www.leganza.it](http://www.leganza.it)

- T-Connect: Project Hydra - responsible for interfacing on serial port via java api of Xbee devices; this project had the purpose of creating a middleware for embedded systems that allowed the development of applications in the field of Ambient Intelligence aimed at integrating heterogeneous devices and technologies.
- H3G: Project contract at the mobile phone company '3' (H3G) in Rome with the role of tester in the streaming and multimedia playback sector of the following mobile devices:
  - Nokia E65; Nokia N96; ZTE MD5; SkypePhone v2.9; Samsung U800; Sony Ericson "Alona"; Sony Ericson "Linda";
  - website: Officine Vereia ([www.officinevereia.com](http://www.officinevereia.com)) - (including back office);
  - website: FreeTourServices ([www.freetourservices.com](http://www.freetourservices.com)) - (including backoffice);
  - website: Messagenie ([www.messagenie.eu](http://www.messagenie.eu)) - (including backoffice);
  - website: Eternamente Roma [www.eternamenteroma.it](http://www.eternamenteroma.it) - (including back office);
  - website: OCentro [www.ocentro.com](http://www.ocentro.com) - Brazilian online trading website - complete creation (including back office);
  - website: Historical Museum of the Liberation of Via Tasso [www.viatasso.eu](http://www.viatasso.eu) - - complete creation (including back office);
  - Multimedia CD: S. Don Orione - multimedia CD on the life of the Saint;
  - website: Galleria Russo [www.galleriarusso.com](http://www.galleriarusso.com) / .it - (including back office);
  - H3G: software for conducting a customer survey; questionnaire used for market survey of 10,000 customers on behalf of H3G;
  - website: Valle dell'Eden [www.valle-eden.it](http://www.valle-eden.it) - complete creation (including back office);
  - website: Pagine Colorate [www.paginecolorate.net](http://www.paginecolorate.net) - back office and dynamic website;
  - website: Brunelli Costruzioni [www.brunellicostr.com](http://www.brunellicostr.com) - complete creation (including back office);
  - website: Brunelli Volley [www.brunellivolley.it](http://www.brunellivolley.it) - complete creation (including back office);

*Andrea Leganza*

Andrea Leganza

+39-329-3622604  
[neogene@gmail.com](mailto:neogene@gmail.com)  
[www.leganza.it](http://www.leganza.it)

- website: AVDecorazioni [www.avdecorazioni.it](http://www.avdecorazioni.it) - back office and dynamic website;
- website: Morellis Movie Guide [www.morellismovieguide.com](http://www.morellismovieguide.com) - complete creation (including backoffice);
- Galleria F. Russo - Intranet management, various assistance;
- website: Euroderm 2005 - dynamic part of event booking and management
- registrations on the website;
- website: Cerbiatto [www.cerbiatto.it](http://www.cerbiatto.it) - creation and management of the website and sub-site in Flash;
- SAITEC S.R.L - various collaborations;
- [www.jappop.com](http://www.jappop.com) - translation by subtitles of some Japanese and American films;
- P.I.S.A.I (Pontifical Institute of Arab and Islamic Studies) - hw and sw assistance;
- Spring Consulting - creation of logos, portals and graphic interfaces for software;
- MACAMEDIA s.n.c. - numerous collaborations for the creation of website managers;
- Multimedia CD: NEXTA.it s.n.c. - creation of a multimedia cdrom for the "Hands Off Caino" association officially presented in Milan.

## 2001-2002

---

- Italian Army - I have carried out numerous SW and HW consultancy activities internally, with the role of telematic operator at the S.S.E. located in Viterbo, I was elected representative of the entire conscript force; I was discharged with the rank of Chosen Corporal.

## 1998 - 2001

---

- Linux From Scratch - first Italian translator of the entire documentation (v 4.2, no longer available);

*Andrea Leganza*

Andrea Leganza

+39-329-3622604  
[neogene@gmail.com](mailto:neogene@gmail.com)  
[www.leganza.it](http://www.leganza.it)

- website: Torlonia Ricevimenti [www.torloniaricevimenti.it](http://www.torloniaricevimenti.it) - complete website;
- website: Ticketeria [www.ticketeria.it](http://www.ticketeria.it) s.n.c - creator (both for the graphics and for the ASP part) and site manager of an important online ticket booking company for Italian museums and galleries. The layout of the site is no longer the one I created but the scripts used for booking remain;
- [www.blizzard.com](http://www.blizzard.com) - beta tester of the Diablo II game;
- "Playstation Gold" magazine - editor of videogame entertainment magazine on Sony Playstation;
- Regional Elections - creation and management of a candidate's political campaign both from a web point of view and for advertising graphics;
- Sinopia.it c.o.o.p. - development of the software for the touchscreen of the Aquastore store in Rome, development of websites and numerous SW consultancies;
- Multimedia CDs: Renault Italia - creation of two multimedia CDs for internal assistance;
- Multimedial Frontiers s.n.c. - numerous collaborations for software consultancy and creation of websites and logos.

Per accettazione

17/10/2023 Roma

