# Andrea Franceschini

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🌐 www.andreafranceschini.org

nationality  Italian
date of birth  7 May 1983

**education**

April 2012 – present

| | |
|---|---|
| degree | **Ph.D.** in Computing (Sound and Music Computing, HCI) |
| institution | **The Open University (UK)** |
| thesis title | Development of a Digital Tabletop Musical Interface for supporting music education |
| supervisors | Dr Robin Laney, Mr Chris Dobbyn |

October 2008 – March 2009

**Erasmus**, M.Sc. research and development on the Reactable

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| institution | **Universitat Pompeu Fabra**, Music Technology Group, (Spain) |
| supervisor | Sergi Jordà |

December 2006 – June 2010

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| degree | **Laurea Magistrale** (M.Sc.) in Computer Science and Engineering |
| institution | **Università degli Studi di Padova (Italy)** |
| thesis title | A practical approach to Music Theory on the Reactable |
| advisor | Prof. Giovanni De Poli |

October 2002 – December 2006

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|---|---|
| degree | **Laurea** (B.Sc.) in Computer Science and Engineering |
| institution | **Università degli Studi di Padova (Italy)** |
| thesis title | Schematizzazione di uno scheduler ciclico statico per applicazioni embedded in ambiente Windows CE |
| advisor | Dr Michele Moro |

**teaching experience**

October 2011 – November 2011

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| school | **Istituto di Istruzione Superiore di Lonigo** |
| role | **Full-time supply teacher** (A035, Electrical Engineering and Applications) |

October 2002 – June 2010

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| role | **Private tutor** (mathematics, computer science, electronics, electrical engineering) for High School and University students |

**work experience**

2006 – present

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| role | **Freelance developer** (iOS, web) |
| activities | **Web sites**, mostly for the classical music industry |
| | **iOS applications**, mostly small- to mid-sized projects such as exhibition guides, citizen engagement, interactive books for children, and casual games |
| some clients | **Sintetik, Kina** (see last page) |
| some technologies | Drupal, CakePHP, Ruby on Rails, iOS SDK |

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|---|---|---|
| other languages | english | **fluent** (speaking, reading, writing) |
| | spanish | **fluent** (reading, writing), **intermediate** (speaking) |

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|---|---|---|
| skills | programming | **experienced** C, C++ (C++11, Qt), Objective C, Processing, HTML, PHP, Ruby, Pure Data |
| | | **familiar** JavaScript, XML, SQL, x86 and ARM assembly for system programming |
| | | **learning** R, Julia, Swift |
| | system admin | experience in **configuration and management of Linux** for desktop use and development environments (client and server) |
| | organisation | acquainted with the basics of **project management**, some experience in co-ordinating a small group of developers |
| | artistic | **experienced drummer** (studio and live, teaching), basics of guitar, and piano |
| | | basics of **composition and songwriting** (classical, pop, experimental) |
| | | author of **comic strips and illustrations** (paper, pencil, Adobe Photoshop and Illustrator, and Inkscape) |
| | | **film and digital photographer**, experienced in digital processing, acquainted with chemical film processing and printing |

courses and certifications

February 2011

certificate **Authorisation to practice as Information Engineer** (equivalent to Chartered Engineer)

institution **Ordine degli Ingegneri della Provincia di Vicenza, Italy**

June 2000

certificate **Amateur Radio Operator licence**

institution **Sezione ARI di Vicenza** (Italian Amateur Radio Association)

publications

refereed papers

A. Franceschini, R. Laney, C. Dobbyn (2014) Learning musical contour on a tabletop.
In *Proceedings of the joint ICMC-SMC 2014*, Athens, Greece.

A. Franceschini (2010) Towards a practical approach to music theory on the Reactable.
In *Proceedings of SMC 2010*, Barcelona, Spain.

posters

A. Franceschini, R. Laney, C. Dobbyn (2014) Sketching Music.
*ICMC-SMC 2014*, Athens, Greece

A. Franceschini, R. Laney, C. Dobbyn (2013) A study of contour in music using digital tabletop musical instruments. *DMRN+8*, London, UK.

magazine articles

A. Franceschini (2011) Estendere Drupal: scrivere moduli personalizzati.
*Linux&C*, 75. Piscopo Editore.

A. Franceschini (2011) Creare temi e pagine personalizzate per Drupal.
*Linux&C*, 74. Piscopo Editore.

A. Franceschini (2011) Drupal: web content manager potente e flessibile.
*Linux&C*, 73. Piscopo Editore.

A. Franceschini (2011) Inkscape: impariamo a dominare tracciati e colori.
*Linux&C*, 67. Piscopo Editore.

A. Franceschini (2011) Inkscape: fare grafica vettoriale con Linux.
*Linux&C*, 65. Piscopo Editore.

*Qualitative Data Analysis*. Workshop, ESSD-HCI seminar series
March 2015, The Open University, UK

*Music lessons on a tabletop*. Invited seminar, 26 September 2014
Experimental Music Lab, Università di Trento, Italy

programming   www.github.com/Morpheu5
research   www.andreafranceschini.org
other skills   www.morpheu5.net

selected works   **Sintetik** – www.sintetik.it
- **Da grande voglio fare l'astronauta**, interactive children book – on.be.net/1FE26u2
          story and graphics by Fausto Montanari
- **Vinitaly**, catalogue and guide – apple.co/1LJvHDM
          backend development (server) and client-server communication

**Kina** – www.kina.it
- **X DataNet**, Drupal web site – xdatanet.com
          configuration, management, and theme for Drupal

**Reale Corte Armonica** – www.realecortearmonica.it

**Roberto Zarpellon** – www.robertozarpellon.it