



Andrea Franceschini

✉ andrea.franceschini@gmail.com

🌐 www.andreafranceschini.org

nationality Italian

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 Instrument for supporting music education

supervisors Dr Robin Laney, Mr Chris Dobbyn

October 2008 – March 2009

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

institution **Universitat Pompeu Fabra**, Music Technology Group, (Spain)

supervisor Sergi Jordà

December 2006 – June 2010

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

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

school **Istituto di Istruzione Superiore di Lonigo**

role **Full-time supply teacher** (A035, Electrical Engineering and Applications)

October 2002 – June 2010

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

work experience

2006 – present

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

other languages

english **fluent** (speaking, reading, writing)

spanish **fluent** (reading, writing), **intermediate** (speaking)

german **working on it**

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 <i>Proceedings of the joint ICMC-SMC 2014</i> , Athens, Greece.	
	A. Franceschini (2010) Towards a practical approach to music theory on the Reactable. In <i>Proceedings of SMC 2010</i> , Barcelona, Spain.	
	posters	A. Franceschini, R. Laney, C. Dobbyn (2014) Sketching Music. <i>ICMC-SMC 2014</i> , Athens, Greece
	A. Franceschini, R. Laney, C. Dobbyn (2013) A study of contour in music using digital tabletop musical instruments. <i>DMRN+8</i> , London, UK.	
	magazine articles	A. Franceschini (2011) Estendere Drupal: scrivere moduli personalizzati. <i>Linux&C</i> , 75. Piscopo Editore.
	A. Franceschini (2011) Creare temi e pagine personalizzate per Drupal. <i>Linux&C</i> , 74. Piscopo Editore.	
A. Franceschini (2011) Drupal: web content manager potente e flessibile. <i>Linux&C</i> , 73. Piscopo Editore.		
A. Franceschini (2011) Inkscape: impariamo a dominare tracciati e colori. <i>Linux&C</i> , 67. Piscopo Editore.		
A. Franceschini (2011) Inkscape: fare grafica vettoriale con Linux. <i>Linux&C</i> , 65. Piscopo Editore.		
talks	<i>Qualitative Data Analysis</i> . 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

other references

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.robtozarpellon.it