

## PERSONAL INFORMATION



## Davide Spadini

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Gender Male | Date of birth 3 December 1990 | Nationality Italian

## WORK EXPERIENCE

## 07/2016 – → PhD Researcher at Software Improvement Group

Software Improvement Group

Rembrandt Tower, Amstelplein 1, 1096 HA Amsterdam

Researcher on test code quality and maintenance, cloud-related testing practices and mocking.

## 06/2014 – 05/2015 University of Trento's websites administrator

University of Trento

via Calepina 14, 38122 Trento (Italy)

Design and maintenance of all the university's websites

## 2008 → Web Developer

Little companies or privates

Design and implementation of websites for companies or privates

## 2008 – 2012 Technical assistance to privates

– Problems resolution

– Data recovery

## 04/2013 - 09/2013 Computer science teacher

Scuola Easy. Via Modigliani, 34, 33053 - Udine (Italy)

– Windows Office

– Internet

– Computer maintenance

## 2011 – 2013 Web Developer

ZeroSeiPlanet. Via Robert Kennedy 6/A, 37060 Verona (Italy)

– Websites support

– Design/implementation websites with Joomla

## 2007 – 2008 Internship

VOLKSWAGEN GROUP ITALIA S.P.A. Supplier and importer of Volkswagen, Škoda, Audi, Seat, Volkswagen Commercial Vehicles. Viale G.R. Gumpert 1, 37137 - Verona (Italy)

– Various tasks in the technical support office

## EDUCATION AND TRAINING

### 07/2016 → PhD

European project Seneca Project <http://senecaproject.github.io>  
 University Delft University of Technology, Delft (The Netherlands)  
 University advisor Dr. Alberto Bacchelli  
 Company Software Improvement Group, Amsterdam (The Netherlands)  
 Company advisor Dr. Magiel Bruntink  
 Research Interest – Cloud-related testing practices  
 – Software testing  
 – Mocking  
 – Code reviews  
 – Collaborative testing

### 09/2013 – 03/2016 Master degree in Computer Science

Department of Information Engineering and Computer Science, University of Trento (Italy)  
 Thesis Title The Wormhole Peer Sampling Service implemented over WebRTC  
 Supervisor Prof. Alberto Montresor  
 In collaboration with Hive-Streaming company (Stockholm, Sweden) <https://www.hivestreaming.com>  
 – WebRTC  
 – Distributed systems  
 – Distributed algorithms  
 – Network protocols

### 09/2009 – 03/2013 Bachelor degree in Computer Science

Department of Computer Science, University of Verona (Italy)  
 – Software Design/Engineering  
 – Database Management System  
 – Unix scripting  
 – Advanced programming  
 – Advanced Networking

### 09/2005 – 07/2009 High school leaving qualification in Computer Science

ITIS G. Marconi, Verona (Italy)  
 – Basic programming  
 – Network protocols

### 06/2009 Cisco CCNA 2

CCNA2 Discovery: Working at a Small-to-Medium Business or ISP

### 06/2008 Cisco CCNA 1

CCNA1 Discovery: Networking for Home and Small Businesses

## PERSONAL SKILLS

Mother tongue Italian

Other languages

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1

Levels: A1 and A2: Basic user – B1 and B2: Independent user – C1 and C2: Proficient user  
[Common European Framework of Reference for Languages](http://europass.cedefop.europa.eu)

- Computer skills**
- Operating System: Mac OS X, Linux (Debian, Ubuntu), Windows
  - WebRTC, HTML5, XHTML, CSS, JavaScript, AJAX (jQuery), Drupal, Joomla
  - PHP, Java, Python, C, C++, SQL
  - L<sup>A</sup>T<sub>E</sub>X
  - TCP/IP Networking
  - GIT (Version Control System), Apache, PHP, MySQL/PostgreSQL, openSSH

- Communication skills**
- team work: In my career I have worked in various types of teams, from basketball teams to university teams. I participated to various challenges that required team work, like for example the 24 hours Hackaton in which I developed an application for the Pebble smart-watch. Furthermore, since 2006 I coached a lot of basketball teams.
  - mediating skills: I worked with young people, in all the university projects, but also with adults, when I worked for the “Scuola Easy” company as a Computer Science teacher.

**Other skills** I like all sports particularly basketball and volleyball. I love music, play guitar and electronics in general. I am curious, I read a lot of forums in order to keep me up with the latest technologies.

**Driving licence** B

## ADDITIONAL INFORMATION

### Publications

- **When Testing Meets Code Review: Why and How Developers Review Tests** In proceedings of ICSE 2018 *The 40th International Conference on Software Engineering* – Gothenburg (Sweden) – May 27-June 3, 2018.
- **To Mock or Not To Mock? An Empirical Study on Mocking Practices.** In proceedings of MSR 2017 *The 14th International Conference on Mining Software Repositories* – Buenos Aires (Argentina) – May 20-21, 2017.

### Events and Seminar

- 22<sup>th</sup> *Dutch Testing day 2016*, Testing in cloud-based systems, Amsterdam (The Netherlands) – 18 november 2016
- 15<sup>th</sup> *BELgian-NEtherlands software eVOLution seminar 2016*, Studying the co-evolution of production and testing code in open-source projects that use Mockito, Utrecht University (The Netherlands), 7th and 8th of December 2016