

PERSONAL INFORMATION

Davide Spadini

 Hippolytusbuurt 39a, 2611 HM, Delft, The Netherlands

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 d.spadini@tudelft.nl

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/A2: Basic user – B1/B2: Independent user – C1/C2: Proficient user
[Common European Framework of Reference \(CEF\) level](#)

- 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^AT_EX
 - 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

- **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

- 22th *Dutch Testing day 2016*, Testing in cloud-based systems, Amsterdam (The Netherlands) – 18 november 2016
- 15th *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