

Curriculum vitæ of FILIPPO SQUILLACE

Professional experience

- Nov 2015 - current **Software Development Engineer II at Amazon**
Amazon *Dublin, IE*
Additional roles: Tech leader, Solution Architect, Scrum Master
- Designed and implemented asynchronous APIs to manage the network monitoring micro-services.
 - Designed and implemented the orchestration system that controls and distributes workload to the network micro-services.
- Jan 2013 - Oct 2015 **Software Development Engineer I at Amazon**
Amazon *Dublin, IE*
- Designed and developed an asynchronous event based and highly scalable network monitoring system.
- Aug 2012 - Oct 2012 **Software Developer in Django/Python**
Orloff Property Management *Berkeley, CA*
- Full stack web application for the management of thousands of properties located in the states of California and Indiana.
- Sep 2011 - Feb 2012 **Researcher High Performance Computing**
Interdisciplinary Computation and Communication Group *Valencia, ES*
- Optimized the computation of algorithms for solving the eigenvalue problem via graphics cards using CUDA.
- May 2009 - Aug 2009 **Java Analyst and Programmer**
ZENIT Information Systems *Cosenza, IT*
- Designed and developed the desktop client-side application for an Information System built via OpenSwing library and used Java EJB.

Education¹

- 2010-2012 **M.Sc. in Parallel and Distributed Computing**
Polytechnic University of Valencia *Valencia, ES*
Final degree mark: 10 (out of 10) cum laude
- 2007-2010 **M.Sc. in Computer Engineering**
University of Calabria *Cosenza, IT*
Final degree mark: 110 (out of 110) cum laude
- 2004-2007 **B.Sc. in Computer Engineering**
University of Calabria *Cosenza, IT*
Final degree mark: 110 (out of 110) cum laude

Skills

Languages: Java, Python, Bash, UML

Unix Sytems: Arch Linux, Red Hat, Debian

Cloud Computing: Amazon Web Services, Digital Ocean

Revision control Git, SVN

Digital typesetting: T_EX, L^AT_EX

Certificates

- AWS Certified Solutions Architect - Associate

Courses

2012 [Functional Programming Principles in Scala](#) Open Course, Coursera

2012 [Software Engineering for SaaS](#), Coursera²

2012 [Design and Analysis of Algorithms I](#), Coursera

2011 [Machine Learning](#), Coursera

2011 [Introduction to Databases](#), Coursera²

2011 [Development of Web Information Systems based on Java Server Faces, J2EE, Ajax and Hibernate](#), Polytechnic University of Valencia

Projects

- Creator of popular open-source projects: JuNest, Pearl

Languages

Italian, Spanish, English

Links

- <https://linkedin.com/in/filipposquillace>
- <https://github.com/fsquillace>

Contacts³

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¹Additional information can be found in the [LinkedIn](#) account.

²The courses are no longer available in Coursera.

³Contacts are in order of preference.