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.

Education[1]

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

Databases: PostgreSQL, DynamoDB, SQLite

Revision control: Git, SVN

Digital typesetting: TEX, LATEX

Certificates

2016 AWS Certified Solutions Architect - Associate

Courses

2012 Functional Programming Principles in Scala Open Course, Coursera

2012 Software Engineering for SaaS, Coursera

2012 Design and Analysis of Algorithms I, Coursera

2011 Machine Learning, Coursera

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
- Author of popular Python recipes: Python ActiveState

Languages

Italian, Spanish, English

Links

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

Contacts[2]

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[1]Additional information can be found in the LinkedIn account.
[2]Contacts are in order of preference.