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 property 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 cum laude (out of 10)

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: TEX, LATEX

CERTIFICATES

- AWS Certified Solutions Architect - Associate
- Preliminary English Test, University of Cambridg (ESOL) Examinations, Level B1.
- Intensive Course of Spanish, Polytechnic University of Valencia, Level A2.

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 Introduction to Databases, 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

LINKS

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

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