Curriculum Vitae

Personal information

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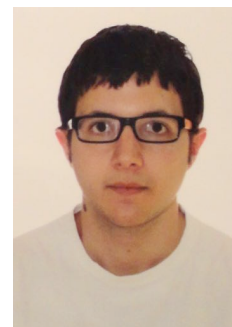
Experience

April 2015 – July 2015

Full Stack Developer (Erasmus for Young Entrepreneurs) *Centaur Technologies, Volos, Greece*

Project management, backend and frontend development using the MEAN Stack, native Android client app development using Java and Android Studio and native iOS client app development using Swift and Xcode. REST architecture and GIT as a version control system.

June 2014 – December 2014

Software Engineer (Talentum Telefónica Internship) *AICU Labs, Madrid, Spain*

Native Android applications development using Android Studio. Native iOS applications development using Xcode. Java and Objective-C programming. SCRUM, XP and TDD usage. Server communication using REST and JSON. GIT as a version control system. Sharing responsibilities on the startup organization.

October 2013 – May 2014

Freelance developer *Salamanca, Spain*

Development of Android applications. Project with AXA insurance agency. Communication, analytic and organizational skills (tasks and time management). Problem solving. Environments used: Eclipse, Android SDK and Google Maps API. User interface design in XML and graphic design (icons, banners, backgrounds).

February 2013 - August 2013

Research intern *Software Improvement Group, Amsterdam, The Netherlands*

Working within the department of software libraries quality. Analysing Maven repository for inter-library dependencies and library consistency. Skills acquired: Java programming, data analysis using SQL and R programming languages, software metrics.

Education

2012 - 2013

MSc Software Engineering *University of Amsterdam, The Netherlands*

- Thesis: A Practical Model to Measure the Quality of Third-Party Libraries within Software Systems
- Theoretical and practical skills in all phases of the software life cycle.
    - Requirements engineering: Analytic skills, communication skills.
    - Architecture: Decision making, out-of-the-box thinking, teamwork.
    - Construction: Java programming, design patterns, debugging, Git.
    - Testing: Haskell programming, high level of abstraction capabilities.
    - Process & management: Agile processes, organizational skills.
    - Evolution & maintenance: Object-Oriented Programming, Rascal programming.

2012 – 2013 (Blended learning)	**BSc Computer Engineering** *University of León, Spain*

- Web Applications. Web applications development using Python and the Django framework.
- Internet Services. Theory and implementation project of P2P networks.
- Accessibility. Study of accessibility on web applications through real cases.
- Computer Security. Understanding of security on computer networks.

2011 - 2012	**ERASMUS** *National University of Ireland, Maynooth, Ireland*

- Final Year Project in a multidisciplinary team. Android, iPhone and server application. Comprehension of Android and Java development, Software design, Location-Based Services, XML, Eclipse and Agile software development method. Practical experience of mobile and social software development.
- Organisational and communicational skills. Accountability, adaptability and problem solving.
- Software Engineering and Software Process.
- Computer Networks.

2007 - 2012	**BSc Computer Science** *University of Salamanca, Spain*

- Software design and development
- Database design and administration
- Mathematical and physical basis
- Artificial Intelligence: "XII Conference of the Spanish Association for Artificial Intelligence"

2001 - 2007	**Secondary School and Science High School** *Martínez Uribarri High School, Salamanca, Spain*

Personal skills and competences

Languages

- Spanish: native
- English: fluent (C1 CEFR)
    - Advanced English for Academic Purposes (April 2012)
    - First Certificate in English (December 2010)

Computer skills and competences

- Operating Systems: Windows, Mac OS X, Linux (user and programmer level)
- Tools: Xcode, Android Studio, JIRA, Eclipse IDE, Microsoft Office
- Programming: Objective-C, iOS, Java, Android, C, C++, Python, Django, MATLAB, SQL, XML, Haskell, R, LaTeX
- Excellent knowledge of databases and networks
- Organizational, communication and teamwork skills
- Fast learner

Prizes

1st Prize: FIWARE Excellence Challenge - User Interface category (October 2014)

2nd Prize: BEEVA Wearables Hackathon. Android Wear and Google Cloud Platform (September 2014)

Entrepreneurship knowledge and skills

Training course on leadership and pro-active attitude development: "Be a leader! Take the initiative" (*Blagoevgrad, Bulgaria, 2014*). Improvement of leadership, negotiation and project management skills.

Training course on entrepreneurship and innovation: "Unlock your creativity: be an entrepreneur" (*Antalya, Turkey, 2013*). Improvement of public speaking, leadership and teamwork skills.

Artistic skills and competences

Proficient musical skills. Completed studies in the Professional Conservatory of Music of Salamanca, specializing in harpsichord (*Salamanca*, 1996 - 2006)

Additional information

- Category B vehicle (2007)
- Safe Driving Certificate (2010)