



## Europass Curriculum Vitae

### Personal information

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Nationality Albanian  
Date of birth 26/04/1985  
Gender M

**Current Job Title** Development Team Leader

**Competency** Application Development & Integration, Technology Governance, System Architecture Design

**Profile** Experienced Software Engineer in Mobile Applications. Strong positioning and extensive knowledge of various modern mobile and web technologies/frameworks. Advocate of paired programming and TDD/BDD methodologies. Strong academic background thanks to PhD studies, research activities in Computer Science, Telecommunications and part-time Lecturer for the course Fundamentals of Object Oriented Programming. Specialised in software testing and system integration projects, has a strong background in Computer Science, Telecommunications, and Software Engineering.

**Employment History**

May 2016 – Now	Development Team Leader @ FinconsGroup
Jan 2015 – May 2016	Development Team Leader @ Innovative Company of Engineering
Sep 2015 – May 2016	Lecturer @ Canadian Institute of Technology
Jan 2014 – Dec 2014	Technical Consultant @ SKY Italy
Jan 2010 – Dec 2013	Research Engineer @ Consortium for the Research in Automation and Telecommunications

### Work Experience

Technical Consultant [FinconsGroup](#) client [Sky Germany](#), Vimercate, Italy, May 2016 - Now

Cross-Platform mobile application development with Xamarin. Main projects the iOS and Android applications [Sky Go](#) and [Sky Ticket](#) (can be found on the german stores) for Sky Germany client. In my first months at FinconsGroup my primary task as [Senior Developer](#), has been the engineering and automation of the test suites regarding the Business Logic and also UI Testing. My objectives were to increase the stability, performance and reliability of the mobile applications. I was also in charge of the maintenance of external dependencies and wrappers from native languages (**Objective-C** and **Java**) to Xamarin environment (**C#**).

After meeting and exceeding the expectations on my objectives, in December 2016 I have been promoted as the [Team Leader](#) of the mobile development team. My current responsibilities are:

- Participate in the full mobile app development lifecycle,
- Mentoring of junior engineers, by working closely with them,
- Direct involvement in all technical decisions and solutions,
- Client relationship management (technical aspects)
- Analysis of business requirements and feature requests, feasibility estimation

Development Team Leader [Innovative Company of Engineering](#), Tirana, Albania, January 2015 – May 2016 (1 year and 5 months)

I have built up the development team by recruiting and interviewing personally all team members. I have set up the Test Driven Development methodology, paired programming session with the junior

Development Team Leader	<p>I have built up the development team by recruiting and interviewing personally all team members. I have set up the Test Driven Development methodology, paired programming session with the junior team members on daily basis. Manage clients relations.</p> <p><b>Folkture research Project – iOS Team Leader</b> Supervision and support of development, interoperability, and integration activities regarding the development of the mobile iOS app “La Notte della Taranta” – a full immersion multimedia catalog for digital heritage. Technical responsibilities:</p> <ul style="list-style-type: none"> <li>• Architecture design</li> <li>• Design Reviews / Code Reviews</li> <li>• Design of unit tests and mocks</li> <li>• Issue management systems and version control</li> </ul>
Part-time Lecturer	<p><a href="#">Canadian Institute of Technology</a>, Tirana, Albania, September 2015 – May 2016 (two semesters)</p> <p>Part-Time Lecturer of the course "Fundamental of Programming I" at the Department of Software Engineering. The course covers two important aspects of object oriented programming: at one hand the methodology of analysis and design of a complex project, abstracted in object oriented terms and at the other hand the implementation of the abstract model in a software program by applying the constructs of the <b>Java</b> programming language.</p>
Technical Consultant	<p><a href="#">Business Integration Partners</a>, client Sky Italia, Milano, Italy, January 2014 – December 2014 (1 year)</p> <p><b>SkyOnline Project (6 months)</b> Technical consultant supporting the PM and PMO activities in the Over The Top (OTT) project <a href="#">Sky Online</a>. Wrote test automation scripts and a simple web crawler in <b>Python</b> language to validate Online Catalog Entries.</p> <p><b>SmartPanel Project (6 months)</b> Technical consultant for the definition and formalization of the system requirements by using Petri Nets formalism. Direct involvement in the design &amp; development of a Finite – State – Machine in <b>Java</b> Language in order to model Usage behaviour inside the Electronic Program Guide based on the set-top box remote control data sent via GPRS network.</p>
Research Engineer	<p><a href="#">Consortium for the Research in Automation and Telecommunication</a>, Roma, Italy, January 2010 – December 2013 (4 years)</p> <p>This experience is framed on <b>European Commission Research</b> projects. My activity includes direct involvement, as well as, the coordination of internal junior working groups composed by MsC thesis students, in the technical activities of system architecture design, software development, unit testing and final reports.</p> <p><b>Future Internet (24 months) FiWare Project:</b> Definition of architecture and interfaces, specifications and development of a software module for the control, monitoring and supervising Openflow Networks. Realization of the Network As a Service paradigm by implementing a network controller written in <b>C++</b> and <b>Python</b> which exposed network resources and operation with RESTful APIs.</p> <p><b>Security (12 months) european research project TASS:</b> design and development of a software module supporting the Data Fusion System written in <b>Java</b>. This module was developed in a web service on top of JBOSS application server. This module enabled the "Complex Event Processing" integration with Business Processes to evaluate and to manage critical situations in airport domains and environments.</p> <p><b>Media (6 months) european research project P2P-Next:</b> Development in the <b>C</b> language of an audio/video RTP streamer for "Scalable Video Coding" . Integration of the streamer as a plugin for the well-known, open-source player VLC.</p>
<b>Education and training</b>	
PhD in Systems Engineering Thesis title Description	<p>University of Rome “La Sapienza”, Rome, Italy, November 2010 – November 2013</p> <p>“Control of Network-Aware Applications and Intelligent Connectivity in Future Internet”</p> <p>Network-aware Applications and Intelligent Connectivity as fundamental concepts of Future Internet. In particular the realisation of the Network As a Service paradigm by means of programmable interfaces (Software Defined Networks) to abstract components and functionalities of the network. Network virtualization as a solution for the management of connectivity, configuration and guaranteeing of the isolation of Virtual Machines in Complex Data Centers.</p>
MSc Degree in Telecommunications Engineering Description	<p>University of Rome “La Sapienza”, Rome, Italy, December 2006 – November 2009</p> <p>Master of Science in Telecommunication Engineering concluded with <b>score 110 / 110</b> defending the thesis: "Development and simulation of a convergence layer, between heterogeneous home access networks, below IP layer"</p>
Bachelor Degree in Telecommunications	<p>University of Rome “La Sapienza”, Rome, Italy, September 2003 – November 2006</p>

Bachelor Degree in Telecommunications Engineering Description	University of Rome "La Sapienza", Rome, Italy, September 2003 – November 2006  Bachelor Degree in Telecommunication Engineering concluded with <b>score 110 / 110 cum laude</b> , defending the thesis: "ESRT: a reliable transport protocol in Wireless Sensor Networks"						
Certification	June 2010 – State certification exam for Engineers in Italy						
<b>Personal skills and competences</b>							
Mother tongue(s)	<b>Albanian</b>						
Other Languages Listening, Reading Spoken Interaction, production	<table border="1"> <thead> <tr> <th>English</th> <th>Italian</th> </tr> </thead> <tbody> <tr> <td>Excellent</td> <td>Excellent</td> </tr> <tr> <td>Excellent</td> <td>Excellent</td> </tr> </tbody> </table>	English	Italian	Excellent	Excellent	Excellent	Excellent
English	Italian						
Excellent	Excellent						
Excellent	Excellent						
Social skills and competences	<p>Excellent social skills and competences, acquired by working in differentiated work positions and experiences, ranging from academic by lecturing at the University, to recruiting and leading team members at the current company, as well as interacting with partners at European Research Projects consisting of teams with persons in remote locations and different nationalities.</p> <p>The challenging work environment that I have frequented has allowed me to be always in touch with the most important issues in different industry sectors (ICT, Security, Future Internet, Energy) and to develop the ability to conceive and think up of solutions in order to solve new challenges, trying to go always beyond the state of the art.</p>						
Technical skills and competences	<p>I have carried out some freelance projects developed in my free time. I have developed some iOS applications, some of them you can find in my github <a href="#">page</a>. My app store <a href="#">account</a> contains a couple of applications.</p> <p>Java is my preferred programming language and I feel very confident with it. In the course of my job experience I have worked in multiple languages, and I can pick new ones up as and when I need to. I have never pigeon-holed myself as an "X programmer" because I don't want to limit myself. So far my programming experience:</p> <ul style="list-style-type: none"> <li>• Programming languages: Java, Objective C, C#, Javascript, Python, C/C++</li> <li>• Agile Methodology, TDD, BDD, <ul style="list-style-type: none"> <li>• Frameworks: Xamarin, Mono, Spring (MVC, Data, Social), Node.js, Strongloop, Express.js, Google App Engine, Parse, Junit, XCTest, Bootstrap, Wordpress</li> </ul> </li> <li>• Databases: MySQL, Oracle, MongoDB, Redis, sqlite,</li> <li>• Bash scripting and general knowledge of Unix environment.</li> </ul>						
Computer skills and competences	Excellent knowledge of the three Operating Systems: Linux(Debian, Ubuntu), Mac OS, and Windows. Expert skills of the Office Suite: Word, Excel, PowerPoint.						
Other skills and competences	I like indoor sports like table tennis and bowling, but also running in the parks. I drink a lot of coffee too.						
Driving licence	B  Date: 31 January 2017  I give the authorization for the treatment of my personal data according to Italian Law D. Lgs. 196/2003.						

