Marco Lucarella
Computer Engineer

General info
Nationality: **Italian**

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Social
 marcolucarella
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Personal Skills

Initiative | Curiosity
Organize | Manage

Languages
Italian ★★★★★
English ★★★☆☆
French ★☆☆☆☆

Summary

Computer science student in a Double Degree programme between Telecom ParisTech and Politecnico di Torino, studying at Eurecom in Sophia Antipolis (France). Developer interested in Embedded systems, Desktop applications and Web application.

Experience & Projects

10/15 - 02/16 Mobile application developer Telecom ParisTech - EURECOM, France
Project for Mobile Applications and Services course. The application aims to help friends to organize sport matches. The application is developed using an hybrid approach through the Ionic framework and is developed in a team of other three students.

11/15 - 01/16 Lego Ev3 robot developer Telecom ParisTech - EURECOM, France
Project for Operative Systems course. The project aims to program an Ev3 robot in order to win a competition. The robot application is developed in C and is developed in a team of other three students.

10/13 - 07/15 Automotive electronic engineer H2politO - Politecnico di Torino, Italy
H2politO is a student group that develop low consumption vehicle in order to participate to the Shell Eco Marathon. In this team my job was to develop and implement some of the vehicle electronics: human machine interface, display, temperature and humidity sensors, data logger, motor control and telemetry via GSM.

08/15 - 10/15 Freelance Web Developer
Web application for managing several condominiums: apartments, balance, rates and documents. The application is developed using jQuery, Bootstrap and CodeIgniter.

08/14 - 10/14 Freelance Web Developer
Web application to manage the member, roles and projects of an organisation of my city. The application is developed using jQuery, Bootstrap and CodeIgniter.

Education

2015 - Double Degree - Smart Objects Telecom ParisTech - EURECOM, France
Main subjects: System and Network Security, OS and Real-Time systems, Mobile Applications (Android, iOS, Phonegap), Unix shell scripting, Python programming, Management.

2014 - 2015 Master's Degree - Computer Engineering Politecnico di Torino, Italy
Main subjects: Computer architecture, Advanced computer network, Distributed programming, DBMS and Data Mining, Formal verification, Optimisation of digital systems, Software engineering, OS, C++ and C# programming.

| 2011 - 2014 | **Bachelor's Degree - Electronic Engineering** | Politecnico di Torino, Italy |

2011 - 2014 **Bachelor's Degree - Electronic Engineering** Politecnico di Torino, Italy
Grade: 104/110
Main subjects: Electronic devices, Electronic circuits, Electromagnetic fields, Applied electronics, Digital electronics, Algorithms and computer architecture, Signal theory, Electronic measurements and Automatic controls.

2006 - 2011 **High School Diploma - Computer Science** ITIS Majorana, Martina Franca, Italy
Scientific Secondary School.
Main subjects: Computer Science, Computer architecture, Web and desktop programming.

Technical Skills

Web programming
Languages: PHP, JavaScript, HTML, CSS, SQL.
Frameworks & IDE: CodeIgniter, Bootstrap, jQuery, MySQL, Oracle.

Desktop programming
Languages: C, C++, C#, Java, Python, Windows and Linux shell.
IDE: Visual Studio, CodeBlocks, Eclipse, NetBeans, Android Studio, VIM.

Mobile Programming
Languages: Android, Cordova/Phonegap, Ionic, AngularJS.

Embedded programming
Languages: C for ARM, Arduino, Assembly x86.
IDE: uVision, Arduino, MASMx86.

Electronic design, implementation and testing
Applications: Matlab, Simulink, CadSoft Eagle, Spice, VHDL, NI LabView.

Others
Applications: Git, LaTeX, StarUML, Office, Photoshop, Google Scketchup.

Certifications

2013 **IELTS** British Counseil
Result: 6

2014 **National Instrument LabView Core 1, 2, 3** National Instrument Italia, Italy
Learn how to use NI LabView. LabVIEW is a tool that offers integration with all measurement hardware in order to create control systems, measurement systems and more over.

Hobbies

3D drawing using Google Scketchup, play video-games, watch TV series, Hacking team at Eurecom

Useful links

Personal website
studwww.eurecom.fr/~lucarell