

# Marco Lucarella

## Computer Engineer


### General info

Nationality: **Italian**

### Address

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### Social

 marcolucarella  
 marc0l92

### Personal Skills



### 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 - 2/16 **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 - 1/16 **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](#)  
 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

Git,  $\text{\LaTeX}$ , StarUML, Office

## Certifications

- 2013 **IELTS** [British Council](#)  
 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](http://studwww.eurecom.fr/~lucarell)