Carlo CASTAGNARI

PERSONAL DATA

PLACE AND DATE OF BIRTH:	██████████████████████
ADDRESS:	██████████████████████████
PHONE:	████████████
EMAIL:	████████████████

WORK EXPERIENCE

February 2010 | Data Center hardware and software technician at SOMACIS PCB INDUSTRIES s.p.a., Castelfidardo, Italy

EDUCATION

OCTOBER 2016 | Master in COMPUTER SCIENCE, **University of Camerino**, Camerino
110/110 *summa cum laude*
Thesis: "SmartHub: an agent-based simulation framework for validating smart mobility solutions" | Advisors: Dott. Andrea POLINI, Dott. FrancescoDE ANGELIS, Prof. Marjan SIRJANI

SmartHub is an agent-based computational model, built upon MATSim, that allows experimenters to investigate the expected impact of a smart mobility based urban initiative within an urban area of interest. Once all the desired smart mobility services are geographically placed and properly configured, SmartHub simulates how urban traffic is expected to evolve as citizens start experiencing the newly offered solutions.

FALL 2015 | Exchange Semester at **Reykjavik University**, Reykjavik for the University of Camerino and Reykjavik University double degree program

OCTOBER 2014 | Bachelor Degree in INFORMATICA, **University of Camerino**, Camerino
110/110 *summa cum laude*
Thesis: "Energy saver policies for Smart Home: Design and Development" | Advisors: Barbara RE, Francesco DE ANGELIS

Realization of a Freedomotic plug-in capable of creating energy saving policies for smart home, by exploiting home deployed smart objects. The desired outcomes consist in reducing the useless energy waste and saving on utility bills. It can be achieved by simply defining specific triggers and behaviors, so as the realized plug-in can monitor the current home energy consumption and when necessary, it can apply countermeasures for immediately tackling these waste of energy.

JULY 2011 | **ITIS "E. Mattei"**, Recanati | Final Grade: 100/100

LANGUAGES

ITALIAN:	Mothertongue
ENGLISH:	Fluent
JAPANESE:	Basic

COMPUTER SKILLS

Basic Knowledge:	Excel, MATLAB, Angular, LINUX, Photoshop, C++, PHP
Intermediate Knowledge:	JAVA, mySQL, HTML5, LaTeX, C, CSS, JavaScript

INTERESTS AND ACTIVITIES

Technology, Open-Source, Machine Learning, Programming, Photography, Tennis, Travelling