

# FEDERICO CAMARDA



camarda.federico@gmail.com



linkedin.com/in/federicocamarda



+39 349 523 1131



Piazza Bonavino 3B/7  
16156, Genoa (Italy)



live:camarda.federico



## EDUCATION



Compiègne, France

University of Technology of Compiègne

Sept. 2016 – Sept. 2017

- **M.Sc. in Complex Systems Engineering**  
GPA: 4.0, Specialty: Technologies for Information Processing and Systems Analysis
- Main coursework: Data Analysis, Machine Learning, Robotic navigation, Dependable Systems Design
- Institute member of **Sorbonne Universities**



Genoa, Italy

University of Genoa

Sept. 2012 – Oct. 2017

- **M.Sc. in Computer Engineering**  
GPA: 4.0, graduated with honors (Italian score 110/110 cum laude)
- Master's main coursework: Artificial Intelligence, Software Engineering, Real-time operative systems, Computer security, Operations research, System identification, Industrial automation
- **B.Sc. in Computer Engineering**  
GPA: 3.8, graduated with honors (Italian score 110/110 cum laude)
- Bachelor's main coursework: Design and analysis of algorithms, Computer architectures, Databases, Automatic control, Computer networks, Telecommunications and signal processing



Genoa, Italy

IANUA - ISSUGE

Sept. 2012 – Oct. 2017

- **Excellence Diploma in ICT**
- Parallel courses for deserving students (top 10<sup>th</sup> percentile of their course)
- Main coursework: Effective communication, Project management, Law, Marketing, Workshops and Seminars

## EMPLOYMENT



Research intern

Heudiasyc Laboratory (Compiègne, France)

Feb. 2017 – July 2017

- Worked in an international context actively committed in the development of autonomous navigation.
- Acquired datasets from on-board sensors (Lidar, GPS) of actual **self-driving cars** for testing purposes.
- Contributed to the research with a Master's thesis in perception, currently carried on by the laboratory.

## TECHNICAL EXPERIENCE



- **Master's thesis project (2017)**. Design, implementation and on-the-road testing of an ADAS for autonomous vehicles performing data fusion for cooperative perception. Lidar, GPS, CAN, V2V, C++, ROS.



- **Bachelor's thesis project (2015)**. Android application, academic agenda for classes and exams with geolocalization-based notifications and Google Calendar integration. Java, Android Studio, SQL.

## ADDITIONAL EXPERIENCE AND AWARDS



- **1<sup>st</sup> place (out of 134 students)** in Erasmus+ scholarship ranking at the University of Genoa.
- Winner of several **merit scholarships**, worth more than 20k€.
- Attended a **double degree** program obtaining two M.Sc.s in two different countries.
- Certified proficiency in **English** – IELTS with score 6.5.
- Confirmed proficiency in **French** – 10 months of studies in France.

## LANGUAGES AND TOOLS



- C, C++, Java, Python, HTML, PHP, JS, SQL
- Matlab, Simulink, R, LabVIEW
- Git, LaTeX, UNIX systems
- Android Studio, Cordova, ROS

## ATTITUDE



- Goal-oriented mindset
- Hopeless optimizer of resources
- Crisis-proof team player
- Ready to relocate and start a challenging career
- Supporter of multicultural environments (Erasmus Student Network member)