

ANDREA MATTEI

Personal email: andreamattei97@yahoo.com

Student email: amattei@student.ethz.ch

Github account: <https://github.com/andreamattei97>

BIO

Nationality: Italian

Sex: Male

Age: 23

Phone number: +41 788560092

Address: Genossenschaftsstrasse 18
8050, Zürich



EDUCATION

2011 - 2016

LICEO SCIENTIFICO OPZIONE SCIENZE APPLICATE "ENRICO FERMI", SCIENTIFIC HIGH SCHOOL

- High school diploma (Maturità scientifica).
- Final mark: 99/100.
- Member of the school team of Mathematical Olympiads that participated in the 2015 national competition.

2016 - 2019

POLITECNICO DI TORINO, BACHELOR DEGREE

- Bachelor in Electronic Engineering (Ingegneria Elettronica).
- Final mark: 110/110.
- Participation in the excellence program Young Talents Project (Percorso Giovani Talenti).

2019 -

ETH ZURICH, MASTER DEGREE

- Master in Electrical Engineering and Information Technologies.
- GPA 4.62/6.00
- Expected graduation period: End of 2021 or Early 2022 in case of internship

RELEVANT EXPERIENCES

OCTOBER 2017 – JULY 2018

H2POLITO

- University racing team focused on building eco-friendly cars.
- Firmware programmer (STM32 family).
- Winner of the Shell Eco-Marathon France 2018.
- Runner-up of the Shell Eco-marathon London 2018.

JULY 2018

EUROPEAN INNOVATION ACADEMY ITALY 2018

- Summer school on technology entrepreneurship.
- Tuition fees completely funded by the university through the Young Talents Project
- Extreme accelerator for building a start-up in 3 weeks.

COMPETITIONS

JULY 2018

CODE AND RESPONSE CODEATHON 2019

- Part of the winner team
- Organized by IBM and ETHZ

TECHNICAL SKILLS

PROGRAMMING LANGUAGE

- Extensive knowledge of C# programming
- Good knowledge of C++/C programming (also C++11)
- Good knowledge of Python
- Good knowledge of SQL
- Knowledge of MATLAB
- Basic knowledge of Java
- Basic knowledge of HTML

TECHNOLOGIES

- Good knowledge of concepts and libraries (sk-learn, Tensorflow) Machine Learning
- Good knowledge of Unity3D game engine
- Good knowledge of Computer Networks
- Knowledge of Git
- Basic knowledge of Big Data Architecture + pyspark
- Basic knowledge of Linux (Ubuntu)
- Basic knowledge of android app development

ELECTRICAL ENGINEERING SKILLS

- Basic knowledge of LTSpice
- Basic knowledge of Simulink
- Basic knowledge of VHDL
- Usage of standard electronic measure instrument (multimeters, oscilloscopes, power supplies, and wave generators)

GENERAL SKILLS

- Italian native speaker
- Excellent English proficiency (IELTS 7.0)
- Good knowledge of the Microsoft Office suite (ECDL Full)