

Alvise de' Faveri Tron

Email: elvisilde@gmail.com

Address: Viale Sondrio 7 - Milano, Italy

Phone: +39 345 227 53 57

Linkedin: [linkedin.com/in/alvise-dft](https://www.linkedin.com/in/alvise-dft)

Github: github.com/AlviseDeFaveri

ABOUT ME

Computer Science and Engineering MSc student at Politecnico di Milano, currently focused on Embedded Systems development. My interests include rockets, computer security and artificial intelligence. I'm looking for a position where I can apply my knowledge and experience in a challenging environment.

EXPERIENCE

Milano, Italy
October 2017 - Present

Embedded Software Engineer

Skyward Experimental Rocketry

- Student association that builds sounding rockets (current record 1.1km)
- Contributed designing and maintaining the software framework in use (C/C++, Miosix RTOS)
- Developed the RF communication software module (Mavlink, STM32) and the Ignition Board firmware (SPI, CanBUS)
- Software team management and work organization, Ground Station operations supervisor during the first Hermes flight (May 2019)

Milano, Italy
February 2018 - August 2018

Satellite Software Intern

OHB Italia

- Part of the team working on the Microwave Imager instrument for ESA/EUMETSAT MetOp satellite
- On-board software testing and validation (Cantata++, IBM Doors, IBM Rhapsody)
- Firmware development for the RFI mitigation module

Bologna, Italy
February 2013 - February 2015

Startup Co-Founder

Woofun S.R.L

- Facebook application for iOS and Android with 5000+ downloads
- Presented the app at the ERStartup event in April 2013

EDUCATION

Milano, Italy
2020

MSc in Computer Science and Engineering

Politecnico di Milano

- IoT project: smart interphone using Contiki, NodeRed and MQTT

Paris, France
2019

Exchange Program

EISTI Cergy

- Research project: developed a network Intrusion Detection System using neural networks

Milano, Italy
2018

Bachelor in Engineering of Computing Systems

Politecnico di Milano

- Algorithm Design project: file system implementation with file search optimization
- Software Engineering project: Java video game with client-server architecture

Palm Beach, Australia
2012

High School Exchange Program

Palm Beach Currumbin, Australia

SKILLS

- Embedded Systems (STM32, ARM)
- Communication and public speaking
- Machine Learning and Neural Networks basics (Keras, Tensorflow)
- Teamwork
- Programming Languages: C/C++, Java, Python, Scala

LANGUAGES

English

Excellent (TOEIC score: 965)

French

Good (Spent 1 semester in Paris)

PERSONAL INTERESTS

Since high school I am part of the collective *Beyond Common Ideas*, a group of six people focused on designing, producing and developing interactive projections and videomapping installations. Our projects can be found at beyondcommonideas.org.

I am a member of *ATILLA*, the free software group at EISTI.

I have a strong interest for Computer Security. In my free time I casually play hacking competitions (CTFs).