

Federico Marra

MSc STUDENT IN COMPUTER SCIENCE AND ENGINEERING @ DTU · SOFTWARE ENGINEER

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Summary

Currently i am a MSc Student in Computer Science and Engineering at DTU, Technical University of Denmark. I have worked as Software Engineer and I am looking for a Student Job position that allows me to grow in the software developing field while pursuing my master.

Work Experience

SNAP4 S.r.l.

Sesto Fiorentino, Florence, Italy

SOFTWARE ENGINEER

March 2024 - August 2024

- I developed eShare in a Snap, first car sharing and car pooling app in Italy.
- **Technology:** Typescript, Angular, Ionic, Firebase, Capacitor

Private Tutor

Florence, Italy

PRIVATE TUTOR

March 2023 - February 2024

- I tutored students in middle school mathematics, high school mathematics, and fundamentals of informatics at the university level for three different individuals.

Italian Republic

Florence, Italy

ELECTION SCRUTINEER SECRETARY

September 2022

- I served as the secretary in charge of counting ballots for international votes during the Italian Parliament election on 25th of September 2022.

Italian School

Florence, Italy

SCHOOL-WORK ALTERNANCE

June 2017 - June 2018

- **Observatory in Chianti:** Design of an educational path summarizing the history of the universe. Tasks included brainstorming, selecting key eras, creating bilingual content (Italian and English), and designing panel supports. Skills acquired: deep understanding of the universe's history, firsthand observation of an astrophysicist's work.
- **University Hospital Company Meyer:** Observation of pediatricians in the Rheumatology Department, assisting with patient visits and understanding the medical profession. Skills acquired: insights into the challenges of being a doctor, knowledge of rheumatology, including conditions like Lupus and Juvenile Idiopathic Arthritis (JIA).
- **Caritas Florence:** Creation of a file compiling the services offered by Caritas Firenze, mapping various locations in Florence and the positions of clothing recycling bins. Skills acquired: basic use of Photoshop and GIMP, understanding of the internal organization of the association.

Education

DTU (Technical University of Denmark)

Kongens Lyngby, Copenhagen, Denmark

MASTER COURSE IN COMPUTER SCIENCE AND ENGINEERING

September 2024 - PRESENT

- **Address:** Anker Engelunds Vej 1, Kongens Lyngby, Copenhagen, Denmark
- **Website:** <https://www.dtu.dk/english/>
- **Type of credits:** ECTS – **Number of credits:** 120
- **Current GPA:** 10,25/12
- **Courses:** Data Security (02239), Model Predictive Control (02619), Program Verification (02245), Software Engineering 2 (02162), User Experience Engineering (02266)

UNIFI (University of Studies of Florence)

Florence, Italy

BACHELOR COURSE IN COMPUTER ENGINEERING

September 2019 - April 2024

- **Address:** Piazza S.Marco 4, 50121 Firenze (Italy)
- **Website:** <https://www.ing-inl.unifi.it/index.html?newlang=eng>
- **Type of credits:** ECTS – **Number of credits:** 120
- **Final grade:** 91/110 – **GPA:** 23,42/30

Scientific Lyceum Guido Castelnuovo

Florence, Italy

SCIENTIFIC HIGH SCHOOL

September 2014 - June 2019

- **Address:** Via Alfonso la Marmora 20, 50121 Firenze (Italy)
- **Website:** <https://www.liceocastelnuovo.edu.it>

Extracurricular Activity

Podcast Cohost

MACCHERONI PODCAST

December 2022 - PRESENT

- Gained expertise in penetration testing areas, especially targeted on web application and software.
- Participated on a lot of hacking competition and won a good award.
- Held several hacking competitions non-profit, just for fun.

DTU Football Club

AMATEUR FOOTBALLER

December. 2011 - PRESENT

- I have been playing football since I was 11 years old, and I have played as a central forward in a second division team called Cobra Kai and now I am playing for DTU Football club.