

# 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
- Snap4:** <https://www.snap4.eu>
- eShare in a Snap:** <https://www.snap4.eu/products/eshare-in-a-snap-sustainable-mobility.html>
- eShare in a Snap App Store:** <https://apps.apple.com/us/app/eshare-in-a-snap/id6572306097>
- eShare in a Snap Google Play Store:** [https://play.google.com/store/apps/details?id=com.snap4.eShare\\_in\\_a\\_Snap](https://play.google.com/store/apps/details?id=com.snap4.eShare_in_a_Snap)

### 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

### 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

### Technical University of Denmark (DTU)

Kongens Lyngby, Copenhagen, Denmark

MASTER COURSE IN COMPUTER SCIENCE AND ENGINEERING

September 2024 - PRESENT

- Address:** Anker Engелunds Vej 1, Kongens Lyngby, Copenhagen, Denmark
- Website:** <https://www.dtu.dk/english/>
- Type of credits:** ECTS – **Number of credits:** 120
- Current GPA:** 9,9/12
- Courses:** Data Security (02239), Model Predictive Control (02619), Program Verification (02245), Software Engineering 2 (02162), User Experience Engineering (02266)

### University of Studies of Florence (UNIFI)

Florence, Italy

BACHELOR COURSE IN COMPUTER ENGINEERING

September 2019 - April 2024

- Address:** Piazza San Marco 4, 50121 Florence (Italy)
- Website:** <https://www.ing-inl.unifi.it/index.html?newlang=eng>
- Type of credits:** ECTS – **Number of credits:** 180

### Scientific Lyceum Guido Castelnuovo

Florence, Italy

SCIENTIFIC HIGH SCHOOL

September 2014 - June 2019

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

## Extracurricular Activity

### Maccheroni Podcast

PODCAST COHOST

December 2022 - PRESENT

- I have honed my public speaking skills by engaging in in-depth discussions on a wide array of topics, including culture, personal development, and current events. This role has enhanced my ability to communicate effectively and think critically.

## **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.