

# Francesco Fattori

APPLICATION ENGINEER AT TESLA

Born in Verona  Living in Berlin 

☎ (+39) 3405630201 | ✉ ffattori@me.com | 🏠 www.francescofattori.it | 📷 francescofact | 🌐 francesco-fattori

## Education

### University of Pisa

MASTER'S DEGREE IN COMPUTER SCIENCE

Pisa, Italy

Oct 2020 - Oct 2022

- ICT Infrastructures, Software Engineering, Database Management
- **Thesis:** Exploiting Neural Networks and BLE in IOT Devices for Accessibility ([pdf](#))

### University of Verona

BACHELOR'S DEGREE IN COMPUTER SCIENCE

Verona, Italy

Sep 2017 - Oct 2020

- **Thesis:** Web Platform for the European project "FARm" aiming to prevent illegal hiring and manage the unemployed workforce supply.

## Skills

**Languages** Mother tongue Italian, Fluent English

**Front-end** HTML, Bootstrap, Angular, jQuery, AJAX

**DevOps** Docker, Git, VMs

**Programming** Python, Java, C++, Go, JavaScript, PHP, SQL

## Experience

### Tesla

SOFTWARE APPLICATION ENGINEER

Berlin-Brandenburg, Germany

Sep 2023 - Present

- Supporting trough tickets the internal systems for warehouses and production lines at Gigafactory Berlin-Brandenburg
- Building integration and automation software to improve production

ASSOCIATE SOFTWARE APPLICATION ENGINEER

Nov 2022 - Sep 2023

### Formula SAE with E-Team Squadra Corse (University of Pisa)

CAR SOFTWARE MANAGER AND ASR

Pisa, Italy

Oct 2021 - Aug 2022

- I was in charge of the Driverless system's computer and of the deployment of each piece of software. I also took care of the online cloud services (website, webmail, openproject, GitLab) and during the races I was the Autonomous System Responsible.
- Technologies: ROS, C++, Docker, Linux Environment – Skills: Team-working and Working under Pressure

### University of Pisa

TEACHING ASSISTANT OF "ADVANCED SOFTWARE ENGINEERING" MASTER COURSE

Pisa, Italy

Sep 2021 - Dec 2021

- Topics: GitHub in a team, Microservices, Security in distributed applications, Fog Computing

### University of Pisa

SOFTWARE ENGINEER PART-TIME

Pisa, Italy

May 2021 - Aug 2022

- *Project 1:* Redesigned and rewrote an existing Proof-of-Concept web app. This project aimed at collecting anonymously various metrics from the students, such as daily study time, mood, etc. to increase the users' productivity and awareness and provide feedback.
- *Project 2:* Designed and built from scratch a web app for a research project to raise awareness on renewable energies and energy communities
- Technologies: HTML, Bootstrap, JavaScript, PHP, Doctrine, Docker – Skills: Team-working

### RBRVerona Srl

WEB DEVELOPER

Verona, Italy

Feb 2018 - Sep 2020

- I designed and maintained several websites focusing on the customers' needs (HTML5 w/ Bootstrap or WordPress)
- Built some internal tools for the company to speed up workflows

## Projects

### Simple Online Management Software

PERSONAL PROJECT

- This online application can track money spent and refund on Amazon with balances and stats using also Amazon API
- About **270 registered users**
- *Bootstrap, JavaScript, JQuery, PHP, MySQL*