

# Francesco Tonini

[francesco@tonini.dev](mailto:francesco@tonini.dev) | [tonini.dev](http://tonini.dev)

## EDUCATION

### UNIVERSITY OF VERONA

B.S. IN COMPUTER SCIENCE

Expected: July 2019

**Relevant coursework:** Operating Systems, Programming 1 (C), Programming 2 (Java), Algorithms, Databases, Computer Networks, Foundation of Computing, Programming Languages, Linear Algebra.

### ITT "G. MARCONI" – ROVERETO ITALY

SECONDARY SCHOOL DIPLOMA IN IT

Score: 95/100

## SKILLS

Good knowledge of C#, Java, Python, Javascript and C.

Basic understanding of neural network frameworks such as Keras, Pytorch and Tensorflow. Good knowledge of Windows, macOS and Linux.

## LINKS

GitHub: [github.com/francescotonini](https://github.com/francescotonini)

Twitter: [@toninifrancesco](https://twitter.com/toninifrancesco)

## EXPERIENCE

### EDALAB, UNIVERSITY OF VERONA | INTERN

February 2019 – Present | Verona, Italy

- Development of a deep learning model for step detection with smartphones in handheld position. This model will then be integrated with an improved version of the indoor localization app built in my previous job at this company.

### EDALAB, UNIVERSITY OF VERONA | INTERN

February 2018 – July 2018 | Verona, Italy

- Rewrite of Android app for indoor localization from a legacy version written in Ionic. The app uses access points and BLE beacons to detect position inside a building.

### SMARTCOMMUNITY LAB, BRUNO KESSLER FOUNDATION (FBK) | INTERN

June 2016 – July 2016 | Trento, Italy

- Development of Ionic app for kindergarten management. The app serves as a bridge between the parents and the school to allow fast and easy communication.

## PROJECTS

### BOTFACTORY | FULL-STACK DEVELOPER

September 2015 – Present

- Currently working on the improvement of the deploy process of TrackBot, a Telegram bot that tracks couriers around Europe. The bot is written in C# and has more than 180K total users. I am currently working to improve our deploy structure thanks to the use of Docker and Buddy, our CI/CD solution.
- Development of PriceTrackBot, a Telegram bot on Amazon products monitoring. The bot notifies the user when the price of one of his products drops. The bot was written in Javascript (NodeJS) with MongoDB as local storage.

### UNIVR ORARI AND AULE | BACKEND AND ANDROID DEVELOPER

September 2018 – Present

- Development of an Android app that shows timetables and rooms availability of the departments of the University of Verona. The goal for this project is to improve my knowledge of Java development with the latest libraries and patterns from Google (e.g. LiveData, MVVM)
- Development of a RESTful backend for the app. The backend has been built with Javascript (NodeJS)