

# Tavernini Gabriel

SOFTWARE ENGINEER · COMPUTER SCIENCE AND ENGINEERING STUDENT

19 Years Old · Ceniga, TN, Italy

☎ (+39) 3339708750 | ✉ taverninigabriel@gmail.com | 📷 GabrielTavernini | 🌐 GabrielTavernini

## Skills

<b>Programming</b>	Flutter (Dart), JavaScript, Python, PHP, C#, ANSI C, Java
<b>Back-end</b>	NodeJS, Express, EJS, REST API, MySQL
<b>Technical</b>	AWS, Unix, Git, Networking (Cisco Certification)
<b>Languages</b>	English (C1), Italian (Native Language)

## Education

### PoliMi (Politecnico di Milano)

BACHELOR IN COMPUTER SCIENCE AND ENGINEERING

Milan, Italy

Sep. 2020 - June. 2023

- I'm a freshman at Politecnico di Milano studying Computer Science and Engineering.

### Itt Buonarroti (Technical Institute)

HIGH SCHOOL DIPLOMA IN CS

Trento, Italy

Sep. 2015 - June. 2020

- I've graduated with full marks (100/100) in Computer Science at Trento's Technical Institute.

## Experience

### YoungJobber

CO-FOUNDER & LEAD DEVELOPER

Trento, Italy

Nov. 2020 - Present

- YoungJobber is newly found startup that is hoping to connect teenagers and people that are seeking help for quick jobs.
- Designed the overall project architecture. Built the back-end system and REST APIs with ExpressJs and MySQL.
- Design and development of the front-end and the mobile app using EJS, Bootstrap, JQuery and Flutter.

### Freelancing

SOFTWARE ENGINEER

Trento, Italy

Jun. 2018 - Present

- Built a management system to track the inventory for Logica 2.0 a packaging & logistic company
- Developed a website to showcase properties for Studio Immobiliare Europa, a real estate agency

### FBK WebValley

RESEARCH FELLOW

Val di Non, Italy

Jun. 2019 - Jul. 2019

- I've been selected from a pool of international candidates to take part in the 2019 WebValley summer school.
- Analyzed ultrasound images, genetic data and clinical information of thousands of patients to find patterns of cardiovascular diseases.
- Presented the Deep Learning frameworks to many important figures, including the heads of the Italian Space Agency and FBK.

### AI Open Innovation Lab

SOFTWARE ENGINEER & DATA SCIENTIST

Trento, Italy

Mar. 2019 - May. 2019

- Worked on AI models to make queues at the pharmacy more appealing for the customers and profitable for the pharmacist.

## Projects

### Covid19 Stats

MOBILE DEVELOPMENT

Trento, Italy

Mar. 2020

- An cross-platform open source mobile app to visualize charts and insights on the current Covid-19 pandemic.
- Developed using Flutter and FlCharts. The GitHub repo has now more than 130 stars and many contributions from the community.

### NeatJS

DEEP LEARNING & GENETIC ALGORITHMS

Trento, Italy

Oct. 2018

- A JavaScript implementation of the "NeuroEvolution of Augmenting Topologies" algorithm, demos made with p5.js and three.js.
- The examples apply the algorithm to target seeking, classification, self-driving in a 3d space and even Asteroids (the arcade game).

### Registro LampSchool

MOBILE DEVELOPMENT

Trento, Italy

Feb. 2018

- A Xamarin (C#) mobile app for LampSchool, an open source school register widely used by schools throughout northern Italy
- I gained experience with app deployment (on both iOS and Android), maintenance and user support.
- The app now has more than 10k downloads and more than 2k monthly active users.