

# Matteo Possamai

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## EDUCATION

**TRENTO UNIVERSITY**  
**BS IN COMPUTER SCIENCE**  
Sep 2022 | Trento, Italy

**ISTITUTO SUPERIORE FELTRE**  
Grad. July 2022 | Feltre, Italy  
Final grade: 100/100 with honneurs

## LINKS

Github:// [MatteoPossamai](#)  
LinkedIn:// [Matteo Possamai](#)  
Medium:// [mpossamaim](#)  
Twitter:// [MatteoPossamai](#)

## COURSEWORK

**UNDERGRADUATE**  
Computer Programming 1,2  
Functional Programming  
Computer Architectures  
Math foundations for CS

## SKILLS

### PROGRAMMING

Over 5000 lines:

Python3 • Javascript (ES6) • Java •  
• C/C++

Over 1000 lines:

PHP • HTML • CSS • SQL • Golang  
Frameworks, libraries and DBMSs:  
Django • NodeJs • ReactJs • SocketIO •  
PostgreSQL • MongoDB • MySQL  
Technologies:  
Git, Docker

### SOFT SKILLS

Outstanding:

Bilingual Communicator (English, Italian) •  
Excellent written and oral Communication  
skills • Team Builder •

## COMPETITIONS

**Linux Day Veneto Hackathon 2021**  
Participation in the Hackathon for Linux  
day, and third place  
**Mathematics Olympics 2019**  
Won districtual competition of Math  
Olympics, and been a regional competitor

## EXPERIENCE

### ZWAP.IO | SOFTWARE ENGINEER INTERN | BACKEND ENGINEER

June 2022 – Sep 2022 | Remote

- Refactored the backend of the platform into a micro services-oriented platform
- Decreased API response time of more than 80% improving the experience
- Wrote more than 1000 tests to verify that everything worked
- Developed internal tools, such as the Slack bot to query the database, send emails, create automated reports and other 7 different actions
- I wrote, reviewed and tested code mainly written in: Python ( mainly using Django, Django Rest Framework, and pandas )

### MAMIX SRL | SOFTWARE ENGINEERING INTERN

May 2021 – July 2021 | Valdobbiadene, Italy

- Worked mainly in maintaining and developing the company's client websites ( 2 different projects ) and managing the content displayed in them
- Made the frontend responsive and 20% more performant
- Added backend features, such as handling subscriptions and automated emails
- I wrote and tested code mainly written in: HTML/CSS/Javascript

## TECHNICAL PROJECTS

### MAD4SCIENCE [WEBSITE](#) , [GITHUB](#)

February 2022 - May 2022

- Built Node/Express and VanillaJs web app to display pollution information in the Belluno region
- Built frontend and admin panel to insert and manage data
- Built API that serves data to the frontend and gets data from the admin panel
- Designed and created the PostgreSQL database to store all data

### MOONDEV.ENV [GITHUB](#)

November 2021 - December 2021

- Built Node/Express and ReactJs web app for collaborative programming
- Built API that serves data, allows authentication and allows real-time communication both in the programming environment and in the chat
- Designed and created the MongoDB database to store all data
- Built frontend including the programming environment, chat, login/sign up form and main page

### INSHAPE [WEBSITE](#) , [GITHUB](#)

September 2021 - October 2021

- Built Flask full-stack website to keep track of user's shape
- Designed and created the SQLite database to store and authenticate users
- Built frontend with Flask HTML render engine to serve dynamically HTML

### REFERENDUM [WEBSITE](#) , [GITHUB](#)

April 2021 - May 2021

- Built Flask full-stack application to vote on community questions with auth
- Designed and created the SQLite database to store all data
- Built frontend with Flask sites render engine to serve dynamically HTML