

Matteo Maso

Software Engineer

SUMMARY

Mainly driven by curiosity and a wide range of interests, I have a software engineering background. I recently worked with Python and Kafka in the cloud, previously I developed 5 applications for clinical research projects, and launched a startup in 2020. Right now, I am looking for a passionate team to join in the following areas: data, life-science or deeptech.

EXPERIENCE



Software Engineer, Advertima

Aug 2021 – Oct 2021 (company downscaling), Berlin DE

- Facilitated the monitoring of Kafka using Prometheus to expose metrics.
- Configured a Grafana dashboard to improve fault detection.
- Investigated and fixed a moderate system-level integration bugs.



Full Stack Software Engineer, Khymeia

Apr 2020 – Jul 2021, Padua IT

- Managed the software development of 100 cognitive exercises.
- Delivered 3 applications for clinical research projects on virtual reality, smartphone app and real-time body movement tracking.
- Set up the company's GitLab server to speed up development process.
- Developed 3 different software dashboards to visualise custom raw medical data in a meaningful way.



Co-founder, Ayuppie: lighting design platform

Oct 2019 – Apr 2021, Treviso IT

- Shaped the idea and the platform by collaborating with 5 people.
- Launched the company online - reached 100 waiting list subscribers.
- Designed the crowdfunding strategy reaching 115K of investment.



Intern as Research Software Engineer, NEC

Sep 2018 – Apr 2019, Heidelberg DE

- Analysed the data structure design of the permissionless blockchain focusing on the security aspect - Bitcoin and Ethereum.
- Performed entropy analysis of different types of Bitcoin data.
- Developed a lossless compression algorithm for Blockchain - save 45%.

PROJECT

DaPrette - Automation Engineer

Sep 2019 - Feb 2020, Padua

- Lectured on Python and machine automation - 150h.
- Built the control system of 2 autonomous food machinery.

EDUCATION

MEng Computer Engineering – 108/110 University of Padua 2016 - 2019

Focused on: Security, Distributed Systems, Bioinformatic, Data mining.

BE Information Engineering – 91/110 University of Padua 2013 - 2016

Focused on: Algorithms, Database, C++, Project Management.



📍 Berlin

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Skills & Competencies

Tech

- Python, C#, Javascript
- Docker, Kafka, Django
- LevelDB, PostgreSQL
- VR, Blockchain
- Unity3D, Firebase
- Git, Linux, NodeJS
- Security & Privacy

Transversal

- 360° vision
- Eager to learn
- Value-driven
- Team work
- Design thinking, OKR
- Innovation

Languages

English (professional)

Italian (native)

External Courses

- Applied Web Application security, Erasmus online
- Development path of Transversal competences, Performando