# Matteo Maso Software Engineer

#### SUMMARY

I was born a curious problem solver and trained as a software engineer. For the past 2 years I've helped SCS scale and since 3 month I have also been the project leader for the development of a new Firmware generation. Previously, I developed five applications for clinical research projects in the healthcare industry. In 2020 I launched a startup in the lighting design sector.

### EXPERIENCE



# Backend Developer, Sensirion - SCS

Nov 2021 – current, Berlin DE

- Project Lead for our new Firmware architecture.
- Created a notification service using serverless and lambdas on AWS
- Successfully migrated the entire backend tech-stack to NestJS + Typeorm.
- Increase our APIs integration test from 5% to 95%.



# 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.

# Khymeia 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 the 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.

# **NEC** Intern as Research Software Engineer, NEC

Sep 2018 – Apr 2019, Heidelberg DE

- Analysed the data structure design of 2 permissionless blockchains focusing on the security aspect Bitcoin and Ethereum.
- Performed an entropy analysis of different types of Bitcoin data.
- Developed a lossless compression algorithm for Blockchain saved 45%.

### PROJECT

# **DaPrette - Automation Engineer**

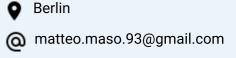
Sep 2019 - Feb 2020, Padua

- 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.





- in/matteo-maso/
- matteomaso.com

# **Skills & Competencies**

Tech

- Typescript, C#, Python
- NestJS, TypeORM, PostgreSQL
- Swagger docs, openAPI
- Jest, e2e-test, MySQL
- VR, Blockchain, Unity3D
- Git, Linux, Docker
- Security & Privacy

### Transversal

- 360° vision
- Value-driven
- Teamwork
- Design thinking, OKR

### Languages

English (professional) Italian (native)

# **External Courses**

- AWS Cloud practitioner
- AWS Solution Architect
  associate
- Applied Web Application security, Erasmus online
- Softskills, Performando

