

Matteo Maso

Software Engineer

SUMMARY

Inspired by science to improve people's life and the environment, I'm a software engineer with a wide interest range and a background in fast prototyping tech solutions.

EXPERIENCE



Full Stack Software Engineer, Khymeia

Apr 2020 – Jul 2021, Padua IT

- Developed an application to evaluate and treat hand shaking of Parkinson Patient through filtered virtual reality – Unity, C#, sensing gloves.
- Developed a body direction screen tracker system for an immersive 360 treadmill platform – C#, magnetic sensors, DC motor controller.
- Developed a smartphone app to evaluate and train people's memory and fingers reactions time – Xamarin, Json, WPF, Android.
- Managed the fast development of 150 cognitive exercises for financial capabilities performance evaluation and train – WPF, C#, Google Sheet.



CDO - Chief Data Officer, Ayuppie.com

Oct 2019 – Apr 2021, Treviso IT

- Built the initial online presence throughout the creation of a landing page, setup mail subscription and Google analytic to track user experience and performance. Achieved 100 users subscriptions on the waiting list.
- Designed thinking from the Idea of the startup to the first crowdfunding reaching an investment of 150K.



Research Software Engineer Internship, NEC

Sep 2018 – Apr 2019, Heidelberg DE

- Studied all main permission-less blockchain technology focusing on security and data structure design.
- Developed a redundancy analysis on Bitcoin data - Python
- Designed and tested a Bitcoin compression algorithm that reduces the storage space requirement up to 45% - Python, compression algorithms, Latex.

PROJECT

DaPrette - Automation Engineer

Sep 2019 – Feb 2020

- Taught Python and coaching about machine automation.
- Built electronic control and Control interface of a "drink machine" and an industrial oven – Python, Raspberry Pi.

EDUCATION - UNIPD



Computer Engineering – 108/110

2016 - 2019

Thesis: "Study and Implementation of Blockchain compression"

Information Engineering – 91/110

2013 - 2016

Thesis: "Study and implementation of a Software Defined Network based on OpenFlow"



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Berlin, D

Skills & Competencies

Tech

- Python, C#, Javascript, C++, Java, SQL
- Virtual Reality, Blockchain
- Unity, Linux, Firebase
- Git, Latex
- Security & Privacy

Transversal

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

Languages

English (professional)

Italian (native)

External Courses

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