

LUCA CREMA

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WORK EXPERIENCE

Backend developer (Freelance)

Portafoglio Perfetto

📅 Dec 2020 – Dec 2020 📍 Montebelluna, Italy

- Designed and developed the backend of a showcase web application for a financial advisor.

Python Django Rest framework REST API Swagger

Part time intern

Università degli Studi di Padova

📅 Mar 2020 – Nov 2020 📍 Padua, Italy

Worked with professor Enoch Peserico on a financial data analysis platform we called **Open Trading Research Infrastructure**.

- Analyzed the current financial data market and catalogued data providers.
- Designed a flexible database data structure to store different types of data and implemented it in *PostgreSQL*.
- Built a scalable platform for data analysis in *Python* hosted on a *Kubernetes* cluster.

Python PostgreSQL Kubernetes AWS Finance

Fullstack engineer (Freelance)

Colbie Technologies

📅 Apr 2019 – Oct 2019 📍 Montebelluna, Italy

- Designed and realized a financial advisor's investment planning and tracking web platform for users called GloobETF.

PHP Laravel MySQL Yahoo Finance phpmailer

Full time intern

1010Systems

📅 Aug 2016 – Sep 2016 📍 Chester, UK

- Setup of network devices for installation.
- Customized company's Wordpress website content.

Wordpress Photoshop Erasmus +

Competitive swimmer

Zeus Lab Montebelluna

📅 2005 – 2018 📍 Montebelluna, Italy

Swimming was a job. It taught me determination. It taught me to struggle towards a goal, spending hours training every single day – for results that, in the end, never came.

EDUCATION

Ongoing Master's degree in Computer Engineering, High Performance and Big Data Computing

Università degli studi di Padova

📅 Nov 2020 – Sep 2022 📍 Padua, Italy

Bachelor's degree in Computer Engineering

Università degli studi di Padova

🎓 Grade: 102/110

📅 Sep 2017 – Nov 2020 📍 Padua, Italy

Technical institute diploma

IIS Einaudi-Scarpa Montebelluna

🎓 Grade: 87/100

📅 Sep 2012 – Aug 2017 📍 Montebelluna, Italy

SKILLS

Software engineering

- Programming languages:** Python, Java, PHP, Javascript, C++, C#.
- Collaboration:** Git, Gitflow workflow, extensive documentation.
- Code quality:** linting, testing, profiling.
- CI/CD:** Codacy, GitHub Actions.
- Frameworks:** Laravel, Django.
- Containers:** Docker, Kubernetes.
- Database:** ER model, SQL (PostgreSQL, MySQL), NoSQL (Firebase Firestore, Redis)
- Embedded:** Android, Arduino.

Teamwork

- I like mentoring as much as being mentored.
- I am well known for sharing knowledge and tips.
- I make sure no collaborator is left behind, no conflict remains unresolved and everyone is enjoying himself.

Mindset

- I dare to fail and learn from my mistakes.
- I am unafraid of constructive judgment.

LANGUAGES

English B2

Italian Native

PERSONAL PROJECTS

Nuotobet

📅 Mar 2014 - May 2014

WebApp in *PHP* that allows betting game credits on local swimming competitions. It scrapes registration and results data from the regional swimming website. These data are stored in a *MySQL* DB, and are employed by Users to prepare their betting slips and by the system to assign credits to winners and to calculate athletes' statistics.

PHP

MySQL

Zero/Null0

📅 Feb 2018 - Aug 2018

Puzzle mobile game in *Unity3D* using *C#* scripts. The player must choose algebraic operations from a given set, and apply them to a grid of numbers. The goal is to bring each number in the grid to zero. Some money and effort were spent into marketing the app properly which was downloaded by ≈ 600 users.

Unity3D

C#

NoSQL

REFEREES

Prof. Enoch Peserico

Università degli studi di Padova

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"Without requirements or design, programming is the art of adding bugs to an empty text file." – Louis Srygley