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DANIELE MOROTTI

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PROFILE

I always work with passion and constancy to improve myself and learn new technologies which I use to solve problems and to create new projects. I like to work in a group to compare my ideas with others.

EDUCATION

BSc in Computer Science   **University of Bologna**   **2018 - Present**

- I am going to graduate in July.
- As a graduate project I create an anti-counterfeiting system, for the fashion industry, that could run on the Ethereum blockchain.

High School Diploma   **Liceo Scientifico F. Alberghetti**   **2013 - 2018**

- Graduated with score 95/100.

COURSE PROJECTS

DB Project   **December 2020 - January 2021**

Small DB project wrote using SQL to **analyze** and compare the environmental impact of different food companies (Using JS and SQLite).

Multiple Web Apps   **September 2020 - December 2020**

Built 3 web applications using HTML, CSS, JS, Vue.js as part of **Web Technologies** course. The aim of the project was to **gamify** the visit to a museum to entertain children. One app is for players, the others are used to create the stories to play and manage the game in progress.

Twitter Tracker   **October 2020 – December 2020**

Developed a web application to collect and **analyze tweets** as part of Software Engineering course. Frontend: JavaScript, Bootstrap, Vue.js. Backend: Python (Flask). The Google Maps and Twitter APIs were also used.

OS Project   **December 2019 – July 2020**

Projected some levels of BiKaya, an educational-purpose **cross-architecture operating system** compatible with uARM and uMIPS2, two micro ISAs derived from ARM and MIPS, respectively. The language used for the project was C.

PROGRAMMING LANGUAGES AND TECHNOLOGIES

- The following languages were used during the degree course: **JavaScript, Python, C++, Solidity, SQL, C**.
- In addition some libraries and frameworks were used in the projects and exercises carried out. Some of these are **NumPy, OpenCV, Bootstrap, Git, jQuery** and **Vue.js**. Both **Windows 10** and some **Linux** distros have been used as operating systems.

LANGUAGES

Italian (native), English (intermediate).