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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 team to compare my ideas with others.

EDUCATION

MSc in Artificial Intelligence	University of Bologna	2021 - Present
<ul style="list-style-type: none">A two-year master's degree in artificial intelligence which provides solid competence in the innovative applications of AI.		
BSc in Computer Science	University of Bologna	2018 - 2021
<ul style="list-style-type: none">Graduated with score 108/110.As a graduate project I create an anti-counterfeiting system, for the fashion industry, that could be run on the Ethereum blockchain.		
High School Diploma	Liceo Scientifico F. Alberghetti	2013 - 2018
<ul style="list-style-type: none">Graduated with score 95/100.		

COURSE PROJECTS

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, TensorFlow, Scikit-learn, Bootstrap, Git, jQuery** and **Vue.js**. Both **Windows 10** and some **Linux** distros have been used as operating systems.

LANGUAGES

Italian (native), English (professional working proficiency).