Edoardo Colella

Software Engineer

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Skills

PROGRAMMING LANGUAGES
C | C# | GO | Java | Javascript | Typescript | HTML | CSS | Python | SQL | MIPS | 8086 | ARM

TECHNOLOGIES
Dynamic programming | Optimization algorithms | Linux | MongoDB | Formal Languages and Compilers
Docker | Node.js | React.js | Express.js | REST | Bootstrap | Unity3D

SOFT SKILLS
Communication | Collaboration | Leadership | Problem Solving | Time management | Adaptability | Agile methodology

Experiences

PRESIDENT | MU NU CHAPTER OF HKN
As president of the Mu Nu Chapter of Eta Kappa Nu at the Polytechnic of Turin, I am in charge of administering and supervising the activities of the association on a daily basis. Together with the other members of the Board, I make decisions about future activities and propose new ones.

COMPUTER SCIENCE TUTOR | POLYTECHNIC OF TURIN
As an assistant in a Python programming course lab session, I assisted students with their practical exercises and hands-on learning of the language. I provided answers to their questions, offered guidance on programming techniques, helped with debugging code, demonstrated coding examples, and reviewed student code to support their understanding of Python programming.

Education

MSC SOFTWARE ENGINEERING | IN PROGRESS | POLYTECHNIC OF TURIN
I'm learning about software development principles, methodologies, and tools, as well as software architecture, quality assurance, and project management. I'm preparing for careers in software development, with the ability to design, build, and maintain high-quality software systems.

BSC COMPUTER ENGINEERING | 100/110 | POLYTECHNIC OF TURIN
The degree focuses on the design and development of computer systems, networks and software. The curriculum includes courses in programming, computer architecture, algorithms and data structures, databases and computer networks. I also learned about mathematics, physics and electronics.

Projects

LIVEARTVR | POLYTECHNIC OF TURIN
LiveArtVR is a software made in Unity and C# for Human Computer Interaction course. It allows users to visit museums through VR technology.

HIKEFIVE! | POLYTECHNIC OF TURIN
HikeFIVE! is a web application developed in JavaScript with the React framework for the frontend and express.js for the backend. The project was carried out by a group of 5 students for the Software Engineering II course (Repository)

STUDYPLAN! | POLYTECHNIC OF TURIN
A simple web app in React and Express for the Web Application I course. Allows students to prepare their own Study Plan for enrollment in the academic year (Repository, demo website)