

D'Antonio Marco

Pescara, PE | Cell: +39 3338880522 | me@marcodantonio.it | [GitHub](#) | [LinkedIn](#) | [Web](#)

Highly motivated 23 years old C.S. student seeking an opportunity to apply and expand my knowledge and skills in a dynamic work environment. Committed to delivering high-quality results, I aim to contribute to a team-oriented organization while continuously learning and adapting to emerging technologies.

EDUCATION

UNIVERSITÀ DEGLI STUDI DELL'AQUILA

L'Aquila, AQ

Computer Science Bachelor's Degree; GPA: x.x/x.x;

2020 – planned december 2024

Main courses: AI & Machine Learning: 30L, Web Tecology: 30, Web Engineering & Advanced Web Development: 28

Focus on: OOP and Design Pattern with Java, Full Stack HTML, CSS and MySQL. Python and extensive knowledge of data structures.

Collaborative commitment and active contributor to the success of numerous projects. Strong coordination and effective communication skills.

WORK EXPERIENCE

APTARGROUP INTERNSHIP

Chieti, CH

Design and Implementation of PoC.

2023

Developed in duo an app for Microsoft HoloLens AR in Unity that can enhance the sales experience and speeded up dataset construction with a Python script for Blender. Trained a YOLOv8 model (Object Recognition) and provided the marketing department a PWA application built from scratch that leverages AI to improve and feed the model.

Stack used: Python, Angular/Ionic, Unity.

SIDE PROJECTS

CLOTHING ECOMMERCE

E-commerce that offers easy shopping experience. Focused on an intuitive user interface with filter for research, advanced order management, shipping features, review and rating system, administration panel made with MySQL database.

Stack used: JavaScript, HTML5, CSS, PHP, Bootstrap.

UNIVERSITY CLASSROOM MANAGEMENT SYSTEM

I developed a website dedicated to the integrated management of events within the university environment. This tool enables efficient coordination of classroom use and management of periodic events, such as lectures and other academic activities. It features fast and responsive UI with the possibility to book classrooms for academic events and activities, event management and tracking, and custom administration panel used by teachers and technicians. It also features a complete OpenAPI documentation and a MySQL database.

Stack used: JavaScript · HTML5 · CSS · Web RESTful Services

MACHINE LEARNING RECOMMENDATION AI

I made an AI that analyzes a provided dataset with static and dynamic user preferences to suggest the best entries in the dataset. This system is designed to provide personalized and relevant recommendations in different categories, such as activities or recipes, based on the dataset provided and the user's profile settings. It uses AI and advanced machine learning algorithms with a modular design that can be easily repurposed for other projects.

Stack used: Python, YOLO.

CAR RENTAL APPLICATION

Complete full stack vehicle rental application. With an intuitive interface, it allows users to make car rentals quickly and easily while providing the administrator the ability to manage the car fleet efficiently. Designed to operate on both RAM and file-based storage system, providing optimal performance and reliability.

This project demonstrates my ability to develop comprehensive and functional software solutions by integrating in-depth knowledge of programming and application development.

Stack used: Java, Java FX, HTML5, CSS.

EXTRA ACTIVITIES

HOMELAB OWNER

In my spare time I like to play around with Linux. I have extensive experience with the Linux terminal, Git, Docker Containers, Proxmox VM, Services, CI/CD Pipelines (through Github Actions). I own servers with over 50 services including multiple game servers, NAS enhanced by AI, home automation system, reverse proxies, websites, etc.

ADDITIONAL

Skills: Excellent communication skills, active listener, adaptability, exceptional leadership, mentor, creative problem solver.

Languages: Italian (Native Language), Fluent English (B2).