

JAVIER ORTIZ MILLAN

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SUMMARY

Ambitious and resourceful Computer and Electrical Engineering major with a passion for hardware, software, and networks. Dedicated to innovative engineering solutions with the proven ability to come up with new ideas and cooperative work. Proficient in project management and strategic decision learning day by day. Open to new opportunities, I want to expand my knowledge and experience, contributing my passion and effort to companies.

EDUCATION

Carlos III University, Leganés, Madrid
Bachelor of Engineering, Telecommunications Engineering
Concentration: Sound and Image
Cumulative GPA: 3.4

Expected: June 2025

Programming Projects

[Autonomous Car Control System Development](#)

Spring 2023

- Created a fully functional robot able to detect and avoid obstacles autonomously using C
- Guided the team throughout the decision-making process, the code structure, and the circuit schematic

University of Maryland, College Park, MD
Studying Computer and Electrical Engineering as an Exchange Student

August 2023 - May 2024

WORK EXPERIENCE

Private employer, Madrid, Spain

Mathematics Private Tutor

February 2023 - June 2023

- Achieved to provide useful lessons that concluded in an 8/10 result in the Spanish College Entrance Exam
- Incremented average score in exams in a 40%
- Implemented new ways of teaching, with more practical exercises focused on understanding rather than memorizing

Marine Pools, Madrid, Spain

Lifeguard

(Seasonal) June 2022 - June 2023

- Intervened successfully in different situations of risk with 100% success rate
- Achieved good community environment by dealing with challenging situations
- Guaranteed security, surveillance, and prevention in every moment

SKILLS

- *Programming Skills:* MATLAB, C, Java, Kotlin, Python, HTML, CSS, JavaScript
- *Computer Software:* Microsoft Office Suite, CAD design with Fusion 360, PCB design with KiCad
- *Language Skills:* Spanish (native), English (fluent written and spoken), German (conversation skills)

EXTRACURRICULAR ACTIVITIES

Member, *Leatherbacks Combat Robotics Club at UMD*

August 2023 - Present

- Improve Fusion 360 skills, used for the full design and assemble of a robot
- Implement new materials skills, so the robot has the best features for the combat