Sergi Flores Marín

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About

- I am a passionate AI student with a strong interest in robotics, machine learning, and software development. I actively work on self-driven projects and hackathons to apply my skills and learn new technologies. I am eager to gain real-world experience and start my career in the tech industry.

Education

ARTIFICIAL INTELLIGENCE BACHELOR'S DEGREE

- FIB - Universitat Politècnica de Catalunya | 2023 – 2027 expected

BACCALAUREATE IN SCIENCE

- Institut de Celrà | 2017 - 2023

Skills

- **Proficient at:** | Python | Linux (bash) | LaTeX | MATLAB

- **Familiar with:** | ML | C++ | Data Structures | R | ROS | HTML | CSS | JavaScript | PostgreSQL | git |

- **Languages:** | English - First Certificate (B2) | French - DELF (B1) | Spanish (C1) | Catalan (C1) |

Experience

WAREHOUSE OPERATOR | TRADEINN | 06/2024 – 09/2024

- Working in a warehouse has helped me develop valuable teamwork, problem-solving, and time-management skills, while also providing me valuable experience in a professional setting.

Hackathons

DATATHON FME | NOVEMBER - 2024

- Won the Datathon FME AED Challenge by creating a machine learning powered website to connect with teammates to apply for hackathons.

BITS X LA MARATÓ | DECEMBER – 2024

- Won the Barcelona Supercomputing Center Challenge at BitsxLaMarató by developing a machine-learning-based solution to downscale air quality data to street-level resolution in Catalonia.

OTHERS | Datathon FME 2023 (Bcn, 11-23) | HackUPC 2024 (Bcn, 05-24) | HackEPS (Lleida, 11-24) |

| GreatUniHack (Manchester, 11-24) | LauzHack (Laussane, 12-24) | Global Game Jam (Bcn, 01-25) |

Projects

SEMPRE VISIBLES

Created a machine-learning-based solution to downscale air quality data from BSC's CALIOPE system to street-level resolution, integrating traffic data across Catalonia.

DATAMATCH

I developed a machine learning powered website to help users find teammates for hackathons. I mainly contributed on the backend.

TRIPDATE

I developed a dating app to meet people while traveling on interesting places. I mainly contributed on the frontend and the matching algorithm.