




SOBHAN FOOLADI MAHANI

PYTHON DEVELOPER | AI

CONTACT

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 Spain, Barcelona, Carrer de
valencia 443

<https://sobhan-fld.github.io/cv/>

LANGUAGES

English - Fluent - IELTS Certified

Spanish - A1

Farsi - Native

PROFESSIONAL EXPERIENCE

A skilled Python Developer with expertise in AI-driven technologies, signal processing, and scalable software development. Experienced in creating high-quality APIs and implementing machine learning models for real-world applications.

Contributed to innovative R&D projects like MAXSENS in Barcelona, Spain, which earned the Second Prize in IoT Solutions 2024 and was recognized as the Best Startup in the Health Industry. Focused on EMG signal processing classification and optimizing performance in cutting-edge AI applications.

Currently pursuing a part-time Master's in Telecommunications, expanding expertise in advanced computing and AI. Passionate about leveraging technology to drive impactful solutions and innovation.

EDUCATION

Feb 2023 – Present

Master's in Telecommunications (MATT)
(Part-Time)

UPC, Spain (Feb 2023 – Present)

Sep 2015 – Aug 2020

Bachelor's in Information Technology

Azad University of Karaj, Iran

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SKILLS

Python	<div><div></div></div>
Flask	<div><div></div></div>
Git	<div><div></div></div>
Mediapipe	<div><div></div></div>
Machin Learning	<div><div></div></div>
Deep Learning	<div><div></div></div>
Java Script	<div><div></div></div>
C#	<div><div></div></div>
HTML	<div><div></div></div>
Document Workflow	<div><div></div></div>
Scenario Modeling	<div><div></div></div>
Canvas	<div><div></div></div>

EXPERIENCE

Jul 2023 – Present

Backend Developer and R&D Engineer

Imaz Tech, Barcelona, Spain

- Built and maintained Flask-based APIs for ML and microservices.
- Improved application performance through refactoring and indexing.
- Collaborated with front-end teams on responsive applications.
- Conducted testing and debugging to ensure reliability.
- Worked on MAXSENS, an R&D project focusing on EMG signal processing human body range of motion analysis

12 / 2018 – 02 / 2019

Software Engineer

SaminCoin, Karaj, Iran

- Developed backend systems with Python and Django.
- Designed RESTful APIs for various applications.
- Troubleshoot and optimized code with cross-functional teams.
- Used Git for version control and reviewed team code.
- Created UML models and collaborated with UI/UX teams.