

# Masa Soudan

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<https://github.com/MasaSN>

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## PROFILE

Software Engineering student with hands-on experience in computer vision, AI, and frontend development. Passionate about creating innovative AI/NLP projects and solving real-world problems. Experienced in academic research, project competitions, and software development.

## EDUCATION

**University of Altinbas | Istanbul, Turkiye**

BSc of Software Engineering | CGPA of **3.79**

## PROJECTS

- **TEKNOFEST 2025 Finalist** NLP competition (**7th** place) | Telecom call center AI agent
  - Developed an AI agent using Langchain and Langgraph; Qwen3 main LLM
  - Automatic updated to CSV documents; ChromaDB vector database [Link](#)
- **IEEE-UBMK'25** publication | Istanbul technical university
  - Published a paper titled "Comparative Study of Swin and Dilated Neighborhood-Attention Transformers for Deep-Fake Forensics" [Link](#)
- **AI-based Alzheimer's Diagnosis – Teknofest 2024**
  - Developed an autoencoder to reconstruct downsized 3D MRI images, achieving **89% accuracy** in feature extraction for early diagnosis. [Link](#)
- **Tracking fixed wing UAVs**
  - Fine Tuned YOLOv8n on FixedWing images and used DeepSort for tracking [Link](#)

## EXPERIENCE

**Software & frontend Intern | 88ninety**

*july2024-Aug2024*

- Built full-stack features using .NET Core, SQL Server, and React.js.
- Collaborated in an agile team with code reviews and Figma-based UI design.

**Data Analysis & frontend Intern | Reachware**

*Jan2025 present*

- Report Creation and Data visualization through PowerBI
- Developed features and debug using Next.js and React in integration software

**Software Intern | EAR Tech information Technology**

*June2024-July2024*

- Developed and taught labs for teaching AI Azure Studio services and their integrations in projects

**Project Leader | Ibtikar Assembly**

*March2024-April2024*

- Wrote test cases for automatic correction in the [Ibtikar LMS](#) platform for the PyTorch course

## VOLUNTEERING

**Student Assembly (Ibtikar ) | Istanbul, Turkiye**

- Leader of the AI club where we develop roadmaps and content for learning AI

## ADDITIONAL SKILLS

**Languages:** Arabic (*fluent*), English (*fluent*), Turkish (*intermediate*)

**Technical:** react.js , Azure DevOps, Git and Github , Javascript, Typescript, Next.js , python, FastAPI, Matlab

## CERTIFICATIONS

**Coursera:** ChatGPT & Zapier: Agentic AI for Everyone [Link](#)

**Google Cloud Skill boost:** *introduction to generative AI learning path* course [Link](#)

**Coursera:** Foundations of Software Testing and Validation [Link](#)