

Fayez Zouari

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Experience

Software Engineer *Fiasco GmbH*

Jun 2026 – Now

- Building an AI workflow that estimates repair costs for damaged cars, working as part of the engineering team.

Junior Software Developer *Vectors*

Oct 2025 – May 2026

- Collaborated to enhance and optimize Vectors products for Atlassian users.

AI Software Development Contributor *Google Summer of Code*

May 2025 – Sep 2025

- Developed BeagleMind CLI, a Python-based tool enabling AI-assisted queries on BeagleBoard documentation with local and cloud inference support ([PyPI Link](#) [🔗](#)).
- Built the BeagleMind Web Platform, featuring RAG-powered responses, conversation history, and GitHub documentation ingestion for contributor onboarding ([Live platform](#) [🔗](#)).

AI Software Development Intern *OORB - Open Organic Robots*

July 2025

- Developed an AI assistant for ROS documentation and published `oorb-cli` on PyPI, enabling tool-call powered queries via the command line. ([PyPI Link](#) [🔗](#))

AI Intern *Orange Digital Center*

Jul 2024 – Nov 2024

- Developed a monitoring system for the MEPS project tracking organic waste biogas and biofertilizer production from weekly reports with production details and improvement recommendations using Agentic workflow
- Generated forecast data for potential biogas production using MEPS for further insights for the client

Personal Projects

Aperture

- Self-hosted serving, versioning and observability for computer-vision models. Upload weights, validate on a reference image, deploy behind a stable URL.

Meerkat Shell

- A desktop terminal whose shell state lives in a daemon, not the window: jobs, directory and running commands survive disconnects. Manages worktrees, ports and servers.

CuBot

- A web-based IDE for embedded systems and robotics development. Code editor, Hardware simulator, AI assistant, CAD studio, Visual block programming, all in one platform. ([Github Repo](#) [🔗](#)).

Inspektor

- A CLI analyzes running processes, collects system metrics, and generates intelligent warnings about potential issues ([Github Repo](#) [🔗](#)).

Achievements and Leadership

IOAI Team Leader *International Olympiad of AI*

August 2025

- Led Tunisian delegation that participated in the International Olympiad of AI in Bulgaria 2024 and China 2025

2nd Place *Orange Summer Challenge - MENA Finals*

April 2025

- After winning 1st place in the Tunisian Orange Summer Challenge and qualifying for the international stage, we secured 2nd place among 14 countries from the MENA region.

Finalist *Eurobot 2024*

May 2024

- Qualified 2nd for the Eurobot Finals in Nantes, France, achieving 17th place out of nearly 30 teams from all over the world in the autonomous robots category.

Participant *International Swiss Talent Forum in Switzerland*

February 2024

- Explored redesigning classrooms to create inclusive learning environments that support students of all social backgrounds.

Education

National Institute of Applied Science and Technology (INSAT)

Sept 2022 – May 2027

Engineering Degree in Computer Engineering

Ali Bourguiba High School

Sept 2018 – June 2022

Baccalaureate in Computer Science

Technologies

Languages: Arabic, English, French

Programming Languages: Python, Typescript, Golang, Rust

Tools and Technologies: Git, Docker, FastApi, CrewAI, Actix, React, NodeJS