

📅 20 years old  
📞 29 521 224

## Languages

### Arabic

Native

### English

Fluent

### French

Intermediate

### German

Beginner

## Interests

### Sport or hobby

### Other interests

## Links

🐙 @azizamari

in @azizamari

## Aziz Amari

## Software Engineering Student

### Education

#### Preparatory Engineering Cycle

From September 2022 to June 2024 [INSAT](#) Tunisia

- 1st year: Mathematics, Physics and Computer Science 2022/2023
- 2nd year: Software Engineering Speciality 2023/2024

#### Baccalaureate in Computer Science

From September 2018 to June 2022 [Lycée Médenine](#) Tunisia

Ranked **4th** in the national exam with **18.27/20**

### Work experience

#### Machine Learning Engineer

Since October 2023 [Ubotica Technologies](#) Remote

- The first 8 months were an internship and now during the summer I work full time.
- First author of a research paper submitted to the SPAICE conference by ESA.
- Working on an AI-based Star Tracker sensor and exploring applications like Space Debris.

#### AI Consultant

From September 2023 to December 2023 [Gaibian](#) Remote

- Developed an evaluation and monitoring Framework for a canadian legal advice chatbot.
- Implemented over 20 metrics to detect issues such as hallucination, incorrect answers, insufficient context.

#### AI Intern

From June 2023 to August 2023 [LegalPlace](#) Remote

- Worked on a AI Content Creation tool as a SaaS solution.
- Accelerated content generation speed by 70% using a clustering-assisted RAG pipeline.
- Created a system capable of generating text, images, speech, and videos.

#### Data Engineering Intern

From June 2023 to August 2023 [PCP Consulting](#) Remote

- Tableau dashboard to visualize insights from a 25GB dataset of restaurant reviews.
- Implemented a recommendation system using PySpark MLlib.
- Applied NLP to get insights about customer behaviors and satisfaction levels.

#### Full Stack Developer Intern

From August 2021 to September 2021 [Hackup](#) Remote

- I was 17 years-old during the internship and managed to collaborate with other interns in their final year of engineering degree.
- Worked on a SaaS platform for tech recruiting.
- Built and deployed a chatting system for customer service and tickets.

### Research Papers

#### "Maximizing Celestial Awareness: 6-Synchronized-Star-Trackers for Attitude Determination"

- Accepted in SPAICE Conference 2024 by ESA for Space and AI.
- I will be presenting the work during the conference in the UK from 16-20 September 2024.

#### "An Efficient Deep Learning-Based Approach to Automating Invoice Document Validation"

- Submitted to AICSSA 2024 conference organised by ACS and IEEE.
- I will be notified in case of acceptance on 12th July 2024.

#### "CRESS: Efficient Long Document Summarization"

- Earned 2nd place in the national Student Paper Contest organised by IEEE Tunisia Section held during TSYP11 2023.

## Skills

### Technical

- Python, Pytorch, Tensorflow, Azure, Next.js, React.js, Express.js, TypeScript C#, Docker, OpenAI, PostgreSQL, MongoDB, CI/CD.
- System Design, Deep Learning, Full Stack Development, Algorithms, Research.

### Other

- Project Management, Content Creation, Market Research, HR Managmenet, Networking, Marketing

## Entrepreneurship Experience

### Director

Since January 2024 [Voyverse Ltd](#) UK

Voyverse is a UK-registered agency specializing in AI tools and web development. As a solo founder, I manage all aspects of the business, including taxes, freelancer coordination, and customer service.

- Delivered 4 projects to clients.
- Formed 5 strategic partnerships with other agencies.
- Currently developing our own product, VentHive, which has attracted 1,500 sign-ups for the waiting list and secured 3 high-ticket B2B clients.

### Co-founder

From November 2021 to December 2022 [Omerva](#) Medenine

Omerva is a startup co-founded by my friend and me, focused on a B2B SaaS augmented reality solution.

- Received 6 months of incubation from Ourghema coworking space and the U.S. Embassy in Tunisia.
- Developed a proof of concept for our augmented reality solution.
- Made numerous mistakes, which provided valuable learning experiences.

## Volunteering experience

### Vice Chair of Technical Activities

From August 2023 to July 2024 [IEEE Computer Society Chapter](#) INSAT

- Won 2nd place in the national student paper contest as first author.
- Managed the development of 8 software products by leading a team of 40 students.
- Hosted 13 workshops, 4 hackathons and 1 competitive programming contest.
- Design and development of our conference's website [aisummit.tn](#)

### ML Team Lead - Automated Invoice Validation

From January 2024 to August 2024 [IEEE Tunisia Section](#) Tunisia

- Coordinated with four students and their academic mentor on an end-of-year project ([report link](#)).
- First author of the research paper submitted to the AICCSA 2024 Conference.
- Mentored a team of three MLOps summer interns in deploying a project through a partnership between IEEE and Orange Digital Center.
- Reviewed 150 resumes and conducted 25 interviews for the summer internship program.

### Computer Science Instructor

From November 2023 to March 2024 [Arlington School](#) Lac 2

- Taught computer science and web development to high school students.
- Developed proficiency in public speaking and classroom management.
- Accumulated over 150 hours of experience.

### Human Resrouces Manager

From January 2020 to January 2021 [JCI](#) Medenine

- Conducted interviews with 50 candidates.
- Managed 70 junior members, ages 14 to 18.
- Resolved conflicts and ensured everyone felt comfortable and included.