

Ahmed Jammoussi

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Education

INSAT - National Institute of Applied Science and Technology
BEng, Software Engineering

Tunis, Tunisia
Expected 2027

Skills

- C, C++, C#, Java, Python, Bash, PHP, HTML, CSS, JavaScript, TypeScript, GraphQL
- Node.js, React.js, NestJS, SpringBoot, Symfony, MySQL, PostgreSQL, MongoDB, Docker, Git/Github
- Numpy, Pandas, Seaborn, Matplotlib, Scikit-Learn, SciPy, TensorFlow, PyTorch, Torchvision, OpenCV

Experience

Machine Learning/AI Engineering Intern
MAZ DEV

Tunis, Tunisia
Feb 2025 – Present

- Handled time series forecasting problems using models like SARIMA & Prophet, performing feature engineering and creating insightful visualizations.
- Developing a legal AI agent that analyzes and drafts documents using RAG architecture with OpenAI API and Pinecone for vector search.

Software Developer Intern
Vikonnekt

Remote
Aug 2024 – Oct 2024

- Contributed to developing a full-stack application featuring a React.js/Tailwind frontend and a NestJS/TypeScript backend, utilizing Docker for containerization.
- Implemented data layer using Apollo GraphQL and Prisma ORM with PostgreSQL database.

Software Developer Intern
Telnet

Tunis, Tunisia
July 2024

- Built payment device management system with Spring Boot backend leveraging Spring Security, JWT and React frontend.
- Designed RESTful API with Spring Data JPA and optimized PostgreSQL database interactions.

Projects

GNN Explainer for Structure-based Molecular Affinity Network(S-MAN)

Mar 2025 – Present

- Implementing Multi-modal Explanation Graph Attention Network (MEGAN) using PyTorch Geometric
- Researching interpretability methods of S-MAN model to explain drug-target binding affinity predictions in molecular interaction networks.

Virtual Interviewer Coach

Feb 2025 – Present

- Developing AI-powered interview simulator with speech-to-text capabilities for response analysis.
- Building prototype with multiple interview modes (technical, behavioral, Q&A) and performance evaluation incorporating a real-time feedback system based on speech content and delivery metrics.

Chess Coach Robotic Arm

Oct 2024 - Dec 2024

- Participated in developing a robotic chess coach designed to tutor elementary students, using YOLO and OpenCV to analyze the board and predict best moves, won 1st place at IEEE TSYP 2024 Congress.

Activities

Technical Team Member
Data Overflow 2025

Tunis, Tunisia
February 2025

- Designed and authored a beginner-level machine learning competition problem.

Member

Junior Entreprise INSAT

Tunis, Tunisia
Sep 2024 - Present

- Was part of the Organizing Committee of "Hack for Good 3.0", the Hackathon of "Forum INSAT Entreprises"



Vice Chair of Membership Activities

IEEE INSAT Computer Society

Tunis, Tunisia
Aug 2023 – Sep 2024

- Organizing IEEEExtreme 17.0 and supervising AI/Machine Learning events like Data Overflow and AINS

Other

- **Certificates:**  [DataCamp's Deep Learning Track](#)  [NVIDIA Efficient LLM Customization](#),
- **Awards:** 1st place in "Code in The Dark 3.0", a frontend development competition