AZIZ SHABOU

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EDUCATION

B. sc - Computer Science @ Technical University Of Munich   Oct 2021 - Present

- Relevant Courses: Data Structure and Algorithms - Applied Mathematics-Statistics-Theoretical Informatics - Application and Implementation of Database Systems - IT & Network Security - Operating Systems and System Software - Software architecture - Software testing - Distributed Systems - Modelling and Simulation
- Graduation Year : March 2026

WORK EXPERIENCE

Bachelor Thesis @ SYMO.AI startup   Oct 2025 - Present

- Developing AI memory and personalized user interaction features. Key responsibilities include implementing and integrating Vector Databases (for contextual memory) and Knowledge Graphs (for relationship mapping) to enable effective, longitudinal AI-user engagement.

Working Student @ Thüga Soutions   Jul 2025 - Oct 2025

- Tested portfolios, reports, and trading algorithms for accuracy.
- Automated reporting and validation processes to improve efficiency.

Advisor @ TUM   Oct 2024 - Jun 2025

- Mentored and trained a student team in soft skills development.
- Led a robot-building project themed around Olympics, fostering collaboration and problem-solving skills.

Working Student @ Adamicus GmbH   Mai 2024 - Jun 2025

- Created KPI performance reports in Excel to track business outcomes.
- Managed website content and affiliate campaigns (AWIN, CJ) to optimize digital marketing performance.

PROJECTS

Internship Motion Planning for Autonomous Vehicules @ TUM   Oct 2024 - Feb 2025

- Developed a trajectory planner for the TUM EDGAR AV, achieving a 97% scenario success rate.
- Authored a technical report and presented the project in a scientific poster session.

Internship MLops @ ZettaSpark   Jun 2025 - Present

- Integrated MLflow for a Big Data cluster (Hadoop/Spark) and monitored ML/AI model performance.

Internship Basics of computer architecture @ TUM   Oct 2024 - Feb 2025

- Implemented a secure memory unit to safely store data.
- Simulated gates of the SMU using Logisim and presented results in a report and presentation.

Website Portfolio

- Self-taught React development and created a personal portfolio within one week, demonstrating adaptability and rapid learning.

SKILLS & INTRESTS

- **Programming**: Python, Java, C++, SQL, OCaml, Assembly
- **Data & AI**: Pandas, Spark, Hadoop, MLflow, OpenCV, Matplotlib, NumPy, scikit-learn
- **Cloud & DevOps**: Azure, Git, CI/CD, HDFS
- **Other**: LaTeX, Microsoft Office, Project Management, Agile Methodologies

Leadership & Advocacy

Tun'up Munich   Apr 2025 - Present

- Youth & Education Advocate: Helped lead school renovation projects and empowermentinitiatives while bridging students with engineering professionals via conferences.

Interact Club Tunis Bey

- Toured 10 States inTunisia, helping people in need, getting financial support through events and Sponsors

LANGUAGES

Arabic (native)   French (fluent)   English (fluent)   German (fluent)