

# Mohamed Amine Mguidich

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## Summary

A self-motivated and dedicated Software Engineering student with a strong work ethic and commitment to achieving goals.

## Skills

**Languages:** C/C++, Java, Python, JavaScript, TypeScript, SQL, PL/SQL

**Technologies & Tools:** Linux, Ubuntu, Git, MySQL, Oracle APEX, Oracle Database, JavaFX, Spring, Angular, Symfony, .Net

## Work Experience

**Oradist, Tunis**

Jul 2024 - Aug 2024

### *Engineer Internship*

- Created a web application for managing technical interventions, improving tracking and coordination of support activities.
- Developed robust reporting functionalities within the web app that provided actionable insights and performance metrics, supporting data-driven decision-making and improving overall service quality.
- Oracle APEX, PL/SQL, SQL, Oracle Database

**Trivaw, Tunis**

Aug 2023 - Sept 2023

### *Company Immersion Internship*

- Developed a JavaScript algorithm for optimized travel itineraries, collaborating with the team to integrate it into the booking platform, enhancing user experience.
- JavaScript, Node.js

## Education

**ESPRIT**

Sept 2022 - Jun 2025

B.E. in Software Engineering

Relevant Coursework: Object Oriented Programming, Databases, Discrete Maths, Data Structures and Algorithms, Operating Systems, Computer Networks, Web Technologies, UML Modeling and Design, Software Architecture, Programming

**IPEIN**

Sept 2019 - Jun 2022

Preparatory Classes in Physics and Technology

Relevant Coursework: Advanced Mathematics, Advanced Physics, Analytical Geometry, Mechanics, Engineering Sciences

## Project Work

- **COCO ESPRIT (2024):** Collaborated in a team to develop a secure web application for students, enabling them to find their soulmates and arrange carpooling. The app featured user authentication, matchmaking algorithms, location sharing, real-time chat, and was secured using Spring Security. SpringBoot, Angular
- **FitFlex (2024):** Collaborated in a team to create an innovative desktop and web application for gym management, focused on training sessions and reservations. Both applications interacted with the same database, efficiently managing bookings and session schedules to streamline operations and enhance the user experience. Symfony, JavaFX
- **Election Management App (2023):** Collaborated in a team to develop an application for election management. The app streamlined the voting process, managing voter registration, real-time vote counting, and election results, ensuring secure and efficient election operations. C, Ubuntu, Glade