

Chokri Ahmed

Computer Engineering Student

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PROFIL

Computer Engineering Student at ESPRIT, I am seeking an internship to strengthen my skills in web development. Passionate about technology and motivated to contribute to innovative projects, I aspire to join a dynamic team where I can fully commit myself and actively participate in achieving shared goals.

SKILLS

Programming Languages: C, C++, C#, Java, SQL, PL/SQL, Python, PHP, TypeScript

Frameworks and Libraries: .Net, Spring, Angular, Symfony, Qt, JavaFX, SDL

Web & Mobile Technologies: HTML, CSS, JavaScript, RestAPI, GraphQL, FlutterFlow

Databases: MySQL, H2, MongoDB, Oracle, Cloud Firestore (Firebase)

Development Tools: Git, GitHub, Postman, Swagger, Arduino

Design & UI: Figma, Tailwind CSS

Methodologies : Agile, Scrum

PROFESSIONAL EXPERIENCE

Summer Internship

07/2024 - 09/2024

- Configured and managed Fortinet firewalls to enhance network security and control traffic flow.
- Monitored and analyzed firewall logs to detect and mitigate potential security threats.
- Assisted in setting up VPN tunnels and access control policies for remote users.
- Gained practical experience in network security best practices and Fortinet device management.

Summer Internship at Tunisie Telecom 08/2022 - 09/2022

- Anticipated and planned for situations that could impact the quality of IT performance.
- Collaborated with the IT team to ensure continuity and efficiency of digital services..

PROJECTS

MAGHREBIA INSURANCE — Modern Website Redesign with AI Integration 01/2025 – Present

- Authentication (registration and login) using JWT.
- Real-time ranking of daily quizzes with scores and badges to earn.
- Full management (CRUD) of quizzes, exams, and courses.
- Profile customization and information editing.
- Tracking progress of chapters within a course.
- Gamification with badge awarding.
- CI/CD pipeline for deployment automation
- AI module for facial recognition during video conferences (integration of TensorFlow + OpenCV):
 - Real-time analysis of students' emotions (engagement, confusion, distraction, etc.)..
 - Immediate feedback to the instructor to adjust the pace or content of the session..
- AI-powered resume analysis system (based on spaCy or transformers NLP):
 - Intelligent extraction of skills, experiences, and education.
 - Automatic completion of the user profile with the extracted data.

GymSphere — Gym Management Application – Desktop & Web 11/2023 - 05/2024

- Desktop version developed with Java and JavaFX for offline gym subscription management and product purchases.
- The web version, developed in Symfony (PHP), allows remote access through a web browser.
- Both platforms are connected to a shared MySQL database, ensuring real-time data synchronization between the interfaces.

Development of a Desktop Application for a Donation Association 02/2023 - 05/2023

- Designed a desktop application connected to an Arduino-powered donation basket.
- Used laser detection to identify when an item is placed in the basket and automatically record it in the database.
- Enabled real-time donation logging through laser-based object detection.
- Combined hardware and software to streamline donation tracking and improve transparency.

Development of a Car Buying & Rental Web Application 10/2022 – 12/2022

- Built with PHP to allow users to browse, buy, and rent cars online.
- Implemented user authentication and role-based access (admin/client).
- Enabled car listing management, reservation handling, and availability tracking.
- Designed a simple and user-friendly interface for smooth interaction.

Platform Game (SDL) 02/2022 – 05/2022

- Participated in the development of a platform game using SDL.
- Handled in-game puzzles, including the creation of an integrated interactive quiz.

EDUCATION

National Engineering Diploma in Computer Science, Tunis, Tunisia Ecole Supérieure Privée d'Ingénierie et de Technologies (ESPRIT)	September 2021 – Present
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LANGUAGE

English – Full professional proficiency

French – Full professional proficiency

Arabic – Native language