



AHMED BEN CHÂABEN

Address: El Ghodrane Sousse Rue 3029

Phone: (+216) 54721233

Email: ahmed.benchaaben@etudiant-enit.utm.tn

LinkedIn: <https://www.linkedin.com/in/ben-chaaben-ahmed-2324a331a/>

ABOUT ME

Second-year Computer Science student passionate about Artificial Intelligence, seeking to develop practical experience within a high-impact, research-oriented environment. I am eager to contribute to concrete projects, translate theoretical knowledge into applied solutions, and further enhance my technical competencies for future academic and professional challenges.

EDUCATION

National School of Engineering of Tunis - ENIT September 2024-Present

Major: Computer Science

Preparatory Institute for Engineering Studies of Nabeul (IPEIN) September 2024-June 2024

Preparatory Program: Mathematics & Physics

Baccalaureate in Mathematics – With Honors June 2022

Work Experience

Data Analysis Intern - Unimed July 2025 - Aug. 2025

- Explored and analyzed operational data to understand industrial performance indicators and process efficiency.
- Designed and deployed interactive Power BI dashboards to support strategic decision-making across production units.
- Collaborated with cross-functional teams to interpret analytics outputs and optimize production workflows.

Media Manager and Webmaster- IEEE ENIT SIGHT Group Jan. 2025 - Jan. 2026

- Led the digital and media presence of the group, managing web and social platforms to strengthen visibility and audience engagement.
- Showcased activities and achievements through high-impact visual content, including videos, posts, and interactive media.
- Ensured visual and branding consistency across all digital outputs and official and non-official documents.

IT Manager - PESTGM Congrès - IEEE ENIT Student Branch Jan. 2025 - Sept. 2025

- Led the full development and deployment of the official event website using WordPress, ensuring responsive design and seamless UX.
- Ensured website performance, security, and real-time content updates throughout the event lifecycle.
- Collaborated with design and content teams to maintain branding consistency and enhance digital visibility of the conference.

PROJETS

Name Matching Engine May 2025

- Development of a Java-based matching engine enabling name search, comparison of two datasets, and intelligent deduplication.
- Modular and extensible architecture, allowing the integration of new matching or indexing strategies without impacting the core system.
- Memory and runtime optimization through efficient management of intermediate data structures.

Final Year Project 1: Security in an IIoT Environment April 2025

- In-depth research on vulnerabilities specific to Industrial Internet of Things environments, covering network layers, industrial protocols, and embedded devices.
- Analysis of current security strategies and exploration of predictive methods (including machine learning and proactive detection) tailored to cybersecurity challenges in Industry 4.0.

Internship Management System for a University Institute November 2025

- Development of a C-based application for managing internships within a university institute, including student registration, internship offer management, assignment tracking, internship validation, and thesis defense scheduling.

PESTGM 6.0 Website April 2025

- Design and development of a responsive website to enhance communication and visibility of the PESTGM 6.0 conference.
- Advanced WordPress configuration and customization to efficiently structure content and simplify management for organizers.
- Improved user experience through clear navigation, coherent structure, and adaptive design across multiple devices.

- Designed and developed a full-stack web application for end-to-end dental clinic management (appointments, patients, dentists, medical staff, and publications).
- Built a modern, responsive frontend using ReactJS (CRA, React Router DOM) with reusable components and role-based dashboards.
- Implemented a secure RESTful backend using Java EE deployed on WildFly, with JWT-based authentication and authorization.
- Ensured reliable data persistence and API communication using relational databases (MySQL/PostgreSQL) and Axios for frontend-backend integration.

Skills

Programming Languages: Python, C, C++, Java, Dart

Machine Learning & AI Concepts: Machine Learning, Deep Learning, Neural Networks, Computer Vision

Frontend: HTML, CSS, JavaScript, Next.js, React.js, WordPress

Backend: JEE, Java Spring Boot, C#, .NET, WildFly Server, Docker, Express.js, MongoDB, PostgreSQL, RestAPI

Tools & Platforms: Git, GitHub, VS Code, Jupyter Notebooks, Kaggle, Eclipse, IntelliJ IDEA, Postman, Docker Hub

Soft Skills: Communication, Teamwork, Autonomy, Problem Solving, Analysis, Adaptability, Continuous Learning

LANGUES

• **Arabe:** Mother tongue

• **Français:** B2

• **Anglais:** B2

• **Allemand:** Beginner(A1)

ASSOCIATIVE WORK

- **IEEE ENIT Student Branch (2025 – Present)** : Member / Webmaster & Social Media Manager – SIGHT Group
- **G2FOSS 2025-Present** : Member