HOUSSEM LÂABIDI

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Professional Summary

First-year Computer Science Engineering student at ESPRIT with a strong foundation in programming, algorithms, and software development. Passionate about building innovative web solutions and currently developing expertise in cloud architecture.

Skills

- Programming: Java, Python, C, C++
- Web Development: HTML5, CSS, JavaScript,TypeScript, Bootstrap, Java EE, PHP, Symfony 5, React, Node.js, Express.js, Next.js
- Database: Oracle PL/SQL, MySQL, Firebase, MongoDB
- Modeling: UML
- Cloud Architecture: Actively learning cloud fundamentals (Azure)
- Tools & Methodologies: Git, GitHub, SCRUM, CRISP-DM
- Operating Systems: Windows, Linux

Professional Projects

Python Developer Intern — Elite Council Consulting

July 2023 – September 2023

- Developed a desktop application using Tkinter (Python) for optical character recognition (OCR), utilizing PyTesseract, Pandas, OpenCV, and PIL.

- Automated extraction of data from paper bills and resumes, converting scans to images, extracting text, and saving relevant data to CSV files.

Web Developer Intern — Tunisie Telecom

February 2024 – May 2024

- Designed and developed an IT asset management tool as a final course project.
- Centralized and consolidated all company asset information, enhancing visibility and coordination between departments.
- Facilitated easy management of racks and physical location tracking of assets in the data center.
- Technologies used: React.js, Node.js, Express.js, MongoDB

Academic Projects

- Product management website using Symfony 5, Twig, Laragon, and Bootstrap.
- Book sales website developed using HTML, CSS, and JavaScript.
- Created a mobile application, "Healthcare," using Flutter and Firebase
- Designed a 3D game, using c++ ,openGL ,Glut
- Coachini – Full Stack Coaching Platform: Built a coaching management app using Symfony 6 (REST API) and JavaFX, featuring user roles, event booking, Stripe payments, real-time notifications, and PDF/QR code generation.

Certifications

- "Introduction to Python" — DataCamp (2022)
- "Fundamentals of Programming" — LinkedIn Learning
- "HTML Essential Training" & "Essentials of CSS" — LinkedIn Learning

Education

ESPRIT – Private Higher School of Engineering and Technology

2024 – Present

Engineering Degree in Computer Science

ISAMM – Higher Institute of Multimedia Arts of Manouba

2021 – 2024

Bachelor's Degree in Computer Science

Hrairia 1 High School

2020

Baccalaureate in Computer Science

Volunteering & Clubs

- Vice President, Club Eventi (2020–2021)
- Volunteer, Tunisian Red Crescent, Local Committee Manouba (2021–2023)
- Top 5, NMTC Hackathon (2022)
- 1st Place, Hult Prize ESC Manouba (2022)
- 3rd Place, AIESEC Tunisie Hackathon 4.0 at ESPRIT (2022)
- 3rd Place, Hackathon ARTOFCODE FSB (2023)
- Organizing Team Member, Conference on AI and Multimedia (IAAM'2024), November 1–3, 2024