



HOUSSEM LÂABIDI

SOFTWARE ENGINEER STUDENT

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[Portfolio](#)

ABOUT ME

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.

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

BACHELOR'S DEGREE IN COMPUTER SCIENCE HRAIRIA 1 HIGH SCHOOL 2020

Baccalaureate in Computer Science

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.

WORK EXPERIENCE

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

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
- Tools & Methodologies: Git, GitHub, SCRUM, CRISP-DM