IMED HAMDENE

Embedded software engineering student

CONTACT

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🏠 Boumhel, Bassetine, Tunisia

🚗 Own vehicle

TECHNICAL SKILLS

- c / c# / python / java
- html / css / js
- Linux (ubuntu)
- mikro C / ISIS / packet tracer
- Arduino
- unity

MORAL SKILLS

- Creativity
- Critical Thinking
- Leadership

LANGUAGE

- Arabic   Native
- Frenche   Intermediate
- English   Intermediate

HOBBIES

- Swimmimg
- Camping

CLUBS AND MEMBERSHIPS

- Active member in IEEE club ESPRIT (since 2023)
- Winner at ROBOTEKIR 2023 robotics competition

ABOUT ME

I am currently a first-year software engineering student. I have excellent organizational skills and a proactive approach, along with expertise in electronics, embedded systems, and robotics. I am seeking a 6-week summer internship that will allow me to develop my skills and enrich my academic journey.

EDUCATION

Software engeneering (2023-Present)

ESPRIT: Private Higher School of Engineering and Technology

Pre engeneering (2020-2023)

Gafsa Preparatory Engineering Institute

Technical baccalaureate (2020)

High school Bougarnine Hammam Lif

PROJECTS

Automotive Control System

Utilized an LCD screen, PIC16F877 microcontroller, and various sensors to simulate a dashboard display with status, alerts and warnings. Designed the system on ISIS and programmed it with mikro C.

Modern cistern

Designed the system using ISIS and programmed it with mikro C. Implemented a modern cistern system utilizing an LCD screen, PIC16F877 microcontroller, and sensors to control water filtration and refilling processes while alerting against wastage.

Blood establishment management application

Developed an application on the Ubuntu system, utilizing GTK Glade for user interface design and C language for backend functionalities, to centralize donation and donor information and optimize the management processes. Collaborated with team members to test and debug the application, ensuring reliability and accuracy.

Educational game to raise enviromental awarness

Developed a 3D game using Unity and C# to raise environmental awareness. Designed and implemented engaging gameplay mechanics to educate players about environmental issues.

EXPERIENCES

Game development instructor at GOMYCODE Part-Time 2022

Instructing students in the fundamentals of game development using the game engine Unity and programming with C# and assisting with their hands-on projects, providing guidance and feedback to enhance their learning experience.