ISMAIL KHOUNA

English & French Proficient

PROFILE

Electrical Engineering and Industrial Computing student (Electronics and Embedded Systems track). Passionate, organized, and methodical with a constant desire to learn. Currently seeking an 14-week end-of-studies internship starting on March 17th, 2025.

CONTACT

+33 7 45 43 96 15

ismail.khouna@etudiant.univ-reims.fr

Troyes (10 000), France

www.ismailkhouna.com

@Ismail Khouna

EDUCATION

2024-2025 (Ongoing)

3RD YEAR BUT ELECTRICAL ENGINEERING AND INDUSTRIAL COMPUTING

IUT of Troyes, France

2023-2024

2ND YEAR BUT ELECTRICAL ENGINEERING AND INDUSTRIAL COMPUTING

University of Maribor, Slovenia

2021-2022

SCIENTIFIC BACCALAUREATE : MATHS & PHYSICS

Sebti Highschool, Morocco

SKILLS

Printed Circuit Board Design
Software: EasyEda / Kicad / Eagle

Embedded Programming
Languages : C / C++

English & French : Advanced
C1 level

Website Creation
Languages: HTML / CSS

3D Design & Modeling
Software: SolidWorks / Blender

Adobe Suite
Photoshop / Premier Pro / Xd / Illustrator

Office Suite
Word / PowerPoint / Excel

PROFESSIONAL EXPERIENCE

DEVELOPER - INTERNSHIP

Moussasoft Company | August - September 2021

Souss Massa Innovation City, Av. Oued Ziz, Agadir

Collaborative design of a printed circuit board for a versatile robot, capable of functioning as both an obstacle avoider and a line follower, with remote control. Used "EasyEda" software for circuit design and programmed in "C" language.

WEB DESIGNER - FREELANCE

Fiverr Platform | May - June 2021

www.fiverr.com

Designed web interfaces using "Adobe Illustrator" and created an interactive simulation of the interfaces for the client using "Adobe XD."

COMPLETED PROJECTS

AUTOMATED HOME ENVIROMENT

Personal Project

Development and programming (in C language) of a system equipped with a communication network (Bluetooth) linking several electronic devices in a room, allowing for remote control and monitoring. Various objects are included: light bulbs, shutters, computer, television.

TEMPERATURE REGULATION SYSTEM

Learning and Evaluation Project BUT S1

Design of seven interconnected electronic boards aimed at regulating the temperature of a metal block. Each board had a specific function, such as power supply, sensing, amplification, comparison, display, control, heating, and signaling. The boards were manufactured within the set deadlines.

AUTOMATED OVEN AND SAWING SYSTEM

Learning and Evaluation Project BUT S4

Programmed an automated system for an oven and sawing process. Created Grafcet diagrams to define tasks and programmed using Ladder in Unity Pro XL. Conducted tests and adjustments to ensure smooth operation. Gained hands-on experience in automation and troubleshooting through multiple system repairs.