YOUSSEF EL ALAMI

Student at INP-ENSEEIHT in Digital Sciences

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OBJECTIVES

To work in a challenging environment to demonstrate my skills and abilities in order to gain experience and knowledge in a company that offers opportunities for career development and professional growth in the field of science and technology, including electronics and computer science.

EDUCATION

Digital Science Engineering
INP-ENSEEIHT

📅 September 2022 – Present   📍 France, Toulouse

2-year technical degree Electrical Engineering & Computer Science
IUT Henri Poincaré-LONGWY   🎓 **Score: 15.204/20**

📅 September 2020 – June 2022   📍 France, Longwy

Erasmus International Mobility
Dalarna University

📅 January 2022 – April 2022   📍 Sweden, Borlänge

Baccalaureate Science Physics and Chemistry, with honours
High School LA RUCHE   🎓 **Score: 17.58/20**

📅 September 2019 – July 2020   📍 Morocco, Casablanca

PROJECTS

HVAC (Heating, Ventilation and Air Conditioning) control internship at ReguLux

📅 April – June 2022   📍 Luxembourg, Dudelange

- Learn the basics of optimising and re-programming HVAC controllers from Kieback & Peter, as well as Distech.

Design a robot to enter the TECHNOBOT competition

📅 January - June 2021   📍 France, Longwy

- As part of a tutorial project proposed by our university, we designed a robot that picks up a cane, makes a path and puts it in a hole.

Management of a stand during a food collection in a supermarket

📅 December 2020   📍 France, Longwy

- I volunteered to participate in a food collection for students in need.

LANGUAGES

English	Intermediate
French	Fluent
Arabic	Native

ACHIEVEMENTS

🏆 **Ranking First in TechnoBot 2021**
Technobot is a robotics competition held in Yutz, France, and it was open to any college or university, or individual. We were a group of 5 students in electrical and computer engineering and we were ranked first

SKILLS

Computer science
- Languages:
  `C` `JAVA` `JavaScript` `HTML & CSS` `LaTex`
- IDEs: CodeBlocks, Visual Studio Code, Sublime Text

Embedded computing
- Language: `C`
- Electronic board: PIC
- IDE : PIC C Compiler
- Simulator : PicsimLab

Automation
- Language: `Grafcet`
- Software: SYMATIC

Automatic
- Analysis of first and second order systems, synthesis of correctors

Electricity
- Measure current, voltage and power, electrical clearance, wire an equipment on a single-phase or three-phase network

Electronics and signals
- Filtering, analogue and digital modulations

CAD software
- Matlab, Tinkercad, Fusion 360, Win Relais

Office automation
- Word, excel, PowerPoint, Overleaf

FIELD OF INTEREST

- Competitive Coding
- Web Development
- Electronics
- Robotics
- Mathematics