

# YOUSSEF EL ALAMI

Student at INP-ENSEEIH in Digital Sciences

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France, Toulouse

## 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-ENSEEIH

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  
French  
Arabic

Intermediate  
Fluent  
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 : PcsimLab

Automation

- Language: Grafset
- 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