

Redwan Benmansour

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Objective

As an electronics and electrical engineering student, I am seeking an internship abroad to develop my professional skills and expand my international network.

Education

Bachelor Universitaire de Technologie en Génie Électrique et Informatique Industrielle Châteauroux, France
IUT de l'Indre Sept 2022 - Current

- A 3-year degree program in Electronics and Electrical Engineering
- Courses:** Power Electronics, Electrotechnics, Motor Control, Control Theory, Pulse Width Modulation Techniques, Automation, Supervision and IoT

Lycée Pierre et Marie Curie (High School) Châteauroux, France
Baccalauréat Graduated in 2021

- Passed with Distinction
- Specialised in Physics and Maths

Work Experience

Andritz Separation Châteauroux, France
Automation Intern Apr 2024 - Jun 2024

- Automated and optimised the data handling with an Excel macro in VBA for an ERP system
- Studied the feasibility for a LoRaWAN monitoring project

High School Châteauroux, France
Academic Support 2021 - Current

- Tutoring in mathematics and physics for high school students

University Projects

Electrical Kart Test Bench Châteauroux, France
IUT de l'Indre Sept 2024 - Dec 2024

- Design of a power electronics system for a electric kart test bench. Study of electric drives and energy reinjection into the grid

Ball and Beam Control Theory System Châteauroux, France
IUT de l'Indre Sept 2023 - Dec 2023

- Development of a Ball and Beam control system utilizing an Arduino board and Matlab Simulink as a digital controller. Implementation of various types of controllers and creation of documentation for educational purposes

Skills

- Languages** French (Native proficiency), English (Professional proficiency)
- Programming** C/C++, Python, VBA, VHDL.
- Automation** Ladder, Structured Text, Grafcet (Siemens TIA Portal, Schneider ControlExpert)
- Soft Skills** Time Management, Teamwork, Problem-solving, Documentation

Interests

- Home Automation** Passionate about developing and integrating smart home automation systems
- Trainspotting** Enthusiastically engaged in trainspotting, with a keen interest in railway systems and their history
- Travel** Passionate about traveling, with a love for exploring new cultures and destinations
- Swimming** Enjoy swimming regularly to stay active and healthy

References available upon request.