Redwan Benmansour

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Objective

As an electronics and electrical engineering student, I am actively seeking a 16-week internship abroad starting in febuary 2025. This opportunity would allow me to develop my professional skills, gain practical experience in my field, and expand my international network. I am looking forward to contribute to innovative projects, learning from experts, and immersing myself in a whole different culture.

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 Tutoring *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.