






ABOUT ME

Recently graduated with an Engineering degree in Computer Science and Telecommunications from ENSEEIHT, I am currently seeking employment. Your company has particularly caught my attention for its exemplary values, which are perfectly aligned with the dynamics of tomorrow's world, as well as its high level of expertise in the field. Therefore, I am applying with the ambition to develop rigor, adaptability, and pragmatism in the tasks entrusted to me.

CONTACT

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SKILLS

- English lvl B1-B2
- Spanish lvl A2-B1
- Software: Eclipse, MATLAB, Solidworks
- Programming Language: Java, Julia, Ocaml, Python, C, Ada
- Project management
- teamwork

Nicolaï Beuhorry-Sassus

EMBEDDED SYSTEMS ENGINEER

EDUCATION

- 2023-2027 - ENSEEIHT in IT department, Toulouse (31)
- 2021-2023 - Classes Préparatoires aux Grandes Ecoles, PSI
Lycée Louis Barthou, Pau (64)
- 2018-2021 - Highschool specialization: Maths, Physics-Chemistry, English
Lycée Jacques Monod, Lescar (64)
- 2021: Baccalaureate, specialization: Maths, Physics-Chemistry, English
Option: Advanced Maths; Passed with distinction

ACADEMIC PROJECTS

- 09/2024 - 12/2024 **DEVELOPMENT OF A SUITE OF TOOLS TO AUTOMATE TABLE MANIPULATION**
ENSEEIHT
 - Design of a suite of tools to automate the generation of automatic table processing software
- 01/2024 - 05/2024 **IMPLEMENTATION OF A COMMAND PROMPT ON LINUX**
ENSEEIHT
 - Implementation of the software in C with an integrated GUI.
 - Feature list: Linux commands, execution of tasks in the background, signal handling, management of input and output redirections, pipes.
- 09/2023 - 12/2023 **CONTROL OF AN INVERTED PENDULUM - LEGO SEGWAY ROBOT**
ENSEEIHT
 - Stabilization by state feedback of the Lego Segway robot (position control around its vertical position).
 - Modeling the impact of various controllers and their gains using SIMULINK (Matlab).
 - Implementation of the controller in C and visualization on the real model.

EXPERIENCES

- 07/2024 - 08/2024 **TECHNICAL ASSISTANT WITHIN THE TEAMS OF THE DIVISION PUBLIC SPACES**
Mairie de Lescar
 - Maintenance of green spaces in the town of Lescar (lawns, medians)
 - Mowing, thermal weeding, manual weeding
- 2023-2024 **SOCIAL NETWORKING COMMUNICATIONS MANAGER**
RESPECTS Occitanie
 - Increase the association's visibility on networks (number of subscribers)
 - Inform members about events (conferences, workshops, Cugnaux Plant Festival)
 - Short advertising campaign on Facebook
 - Results after one year: increase in the number of subscribers (FaceBook) and more members attending association events

OTHER EXPERIENCES

- Member of the ENSEEIHT swimming sports association
- Regular activities: Triathlon (TTM, Toulouse), Surfing
- Half-marathon of Bordeaux, 2024; 10km of Toulouse, 2024;

'Courir à Pau 2022' race: 4th, Cat. Junior

ENGAGEMENT CIVIQUE

- Volunteer for SuperTri Toulouse sporting event (October 2024)
- 2 tonnes workshop (April 2024)
- "Le Proces de King-Kong" (September 2023)
- Climat Fresk (Septembre 2023)
- Pink October in Spain (October 2019)