Aurélien Dureux

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🚗 Driving license B

⌨ Profile

I am a Computer Science student at the UTT, and I am looking for an **end-of-studies internship** as an **engineering assistant** for a period of **6 months** starting from **February 5, 2024**.
Fullstack developer, I am looking to develop an affinity for **AI**.

🧠 Skills

Front-end Programming
HTML, CSS, React, Svelte

Back-end Programming
Python, JS, C, PHP, R, SQL

Tool Proficiency
Git, Docker, Linux, VS Code, Jetbrains, Jira

Various Software
Figma, Notion, Suite Adobe-Microsoft-Google

🌐 Languages

French - Native

English - C1+ *(Linguaskill)*

Spanish - B1

🏠 Interests

SPORT
Climbing, Bodybuilding

AUDIO-VISUAL
Graphic Design, Video & Photo Editing

CONCEPTION
Building Drones, 3D Printing

⚒ Volunteer

COMMUNITY MANAGER
2020 – present
Management of social networks related to the UTT Cheerleading Association

🎓 Education

Master of Science in Computer Science
UNIVERSITÉ DE TECHNOLOGIE DE TROYES
2019 – 2024 | France
- **AI** oriented Information Systems | **Data science**
- **Knowledge Engineering** | UX/UI Design | **Machine Learning**

Erasmus exchange semester
NORWEGIAN UNIVERSITY OF SCIENCE AND TECHNOLOGY
08/2022 – 12/2022 | Norway
- **Machine Learning** models | **Data science** | Gameflow & Serious Game

💼 Professional Experience

ASSISTANT DEVELOPMENT ENGINEER
02/2023 – 07/2023 | 1339 SAS - Grytics
- R&D towards **generative AI** and **Machine Learning**
- Design and Integration of **functional tests** for the **React** application

📁 Projects

USER INTERFACE PROTOTYPING
2021 – 2023
UX/UI design, combining creativity and technical skill to create intuitive and engaging user experiences

MACHINE LEARNING MODEL
2022
Creation of a machine learning model in **Python** to predict revenue of all types of retail stores in Norway

DYNAMIC WEBSITE ⎘
2021
Vaccination site in **HTML**, **CSS**, **PHP**, **SQL** with management of the various functionalities from a provider point of view

📁 Personal Project

AUTONOMOUS INSTAGRAM ACCOUNT
2023 – present
Development of an Instagram automation solution in **Python**:
- Multimedia content **generation** using generative AI
- **Editing** and **Formatting** of resources with Machine Learning
- Automated **Posting** of publications
Project management, Development, Self-taught learning

AUTONOMOUS YOUTUBE CHANNEL
2021 – 2022
Create a YouTube channel whose management is supervised in **Python** :
- **Scrapping** of data and resources
- **Classification** & Content **Selection**
- **Creation** & **Publication** of the content
Ideation, Development, Self-learning