



Aurélien Dureux

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📄 Profile

Full-stack developer, with an affinity for **AI**, I am currently ending my **Engineer's degree in Computer Science** at the UTT, I am actively seeking a **full-time position** starting **mid-September**.

🧠 Skills

Front-end Programming

Vue.js, React, Svelte, Tailwind

Back-end Programming

Python, Laravel, Flask, JS, SQL

Tool Proficiency

Git, Docker, Linux, VS Code, Metabase, Datadogs

Various Software

Figma, Notion, Suite Adobe-Microsoft-Google

🌐 Languages

French - Native

English - C1+ (*Linguaskill*)

Spanish - B1

🏠 Interests

- SPORT
- AUDIO-VISUAL
- CONCEPTION

🤖 Volunteer

COMMUNITY MANAGER

2020 – 2023

Management of social networks related to the UTT Cheerleading Association

🎓 Education

Master's Degree in Computer Science and Information Systems

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

FULL-STACK WEB ENGINEER

02/2024 – 07/2024 | Selectra

- **Enhanced** application **functionality** and **stability** within a **Vue.js** & **Laravel** & **Inertia.js**
- **Optimize user experience** and **APIs** usage (internal and external such as AI transcription - Gladia)

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

📁 Personal Project

AUTONOMOUS SOCIAL NETWORK ACCOUNTS

2023 – present

Automation solution for Instagram & TikTok in **Python, React**:

- **Multimedia** content procedural **generation** using generative **AI**
- **Editing** and **Formatting** of resources with Machine Learning
- Automated **Posting** of publications

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