Nabil Ould Hamou

Tours, France | ouldhamounabil@gmail.com | +33 6.07.21.29.27 | nbiloh.me | LinkedIn Profile
github.com/NabilOuldHamou

About me

I am currently enrolled in the Intelligent Systems and Applications masters program of the University of Tours, I have been interested in research since my bachelor's degree, especially in the field of Artificial Intelligence. I am particularly interested in the use of AI in the medical field. Motivated and curious, I am constantly looking for projects that allies technological advancements and concrete impacts on society.

Education

Master Intelligent Systems and Applications, University of Tours   Sept 2024 – July 2026

Licence Informatique, University of Tours   Sept 2021 – July 2024

Certifications

AWS Cloud Foundation, Amazon Web Services   Jan 2025

Professional Experiences

Web Developer, INRAE – Nouzilly, France   Apr 2024 – July 2024

- Development of a web interface to assist biologists.
- Management and design of the project throughout the development cycle.
- Definition of user needs and implementation of solutions to meet them.

Logistics Employee (Student Job), Leroy Merlin, Chambray-les-Tours   Sept 2024 – July 2025

- Work independently and optimize shelf stocking.

Flagship Projects

My other projects are available on my personal website.

bret-à-porter

- A web interface created to assist INRAE biologists in setting up BRET-type experiments. The interface allows users to design an experiment by creating the experimental protocol and then process raw data from the machine.
- Tools Used: SvelteKit, JavaScript, Docker, MySQL

SignsDetectionAI

- Image classification using a Naïve Bayes classifier and k-Nearest Neighbors (k-NN).
- Tools Used: Python, OpenCV, PyTorch

EEG Classifier

- EEG signal classification with a complete pre-processing pipeline to ready the signal for use.
- Tools Used: Python, Pandas, PyTorch, SciKit Learn, Numpy

Technologies

Languages: Java, Python, Go, C, TypeScript/JavaScript, PHP, HTML/CSS

Technologies: PyTorch, OpenCV, SvelteKit, Nuxt, NodeJS, Docker, React, AWS