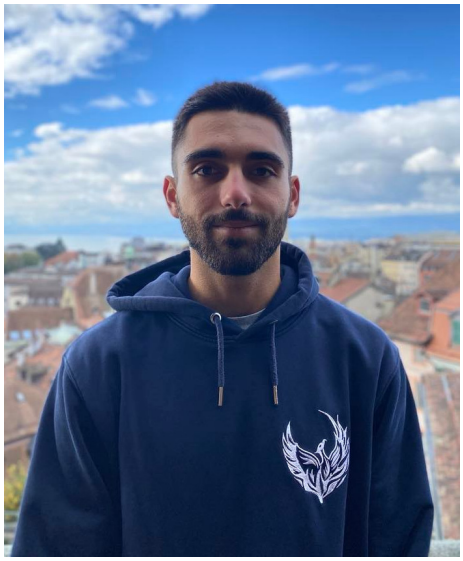

Fabien ALLEMAND

Engineering Student

Contact

fabien.allemand@telecom-sudparis.eu

+33 0607076389

linkedin.com/in/fabien-allemand

faballemand.github.io

github.com/FABallemand

Skills

Programming Language

Python 6+ yrs.

C/C++ 3+ yrs.

Java/Kotlin

Matlab

R

php/HTML/CSS/SQL

Software

CAD

Game engine

Office software

Language

French Native

English C1

Spanish B2

Biography

Engineering student at Télécom SudParis and Télécom Physique Strasbourg engineering schools, specialised in **data science** and **artificial intelligence**.
Currently looking for a **three-month internship starting in July 2024**.

Education

Télécom SudParis Engineering School — **09/2023 - today**

General Digital Engineering

Scientific computing, computer vision, deep learning, reinforcement learning, web programming, digital technology and energy consumption

Télécom Physique Strasbourg Engineering School — **09/2021 - today**

Computer Science & Networks
Data Science & Artificial Intelligence

Mathematics and programming for data science and AI (statistics, supervised machine learning, computer vision, deep learning, natural language processing, game theory)

University of Strasbourg (Master Degree) — **09/2022 - pending**

Data Science & Complex Systems

Mathematics and programming for data science and AI (data mining, unsupervised machine learning, semantic web, data warehouse and metadata)

Joffre High School — **09/2019 - 07/2021**

Selective Sixth Form
Mathematics, physics & computer science

Work experience

Internship — **06/2022 - 07/2022**

Cemosis (Strasbourg modeling and simulation center)
University of Strasbourg

Cooperated with a team of researchers to develop an online platform of services for building energy simulation.

Project — **01/2023 - 06/2023**

Alcatel-Lucent Enterprise

Long-term engineering project in collaboration with Alcatel-Lucent Enterprise to develop an AI-powered Android application to improve road maintenance.

Projects

For more details: `https://faballemand.github.io/html/projects.html`

- ezGPX (2023 - today): Easy to use Python library for GPS eXchange Format (GPX) files.
- Hand Gesture Recognition (Télécom SudParis, 2024): Hand gesture recognition using self-supervised deep learning.
- 3D Objects Classification (Télécom SudParis, 2024): Classification of 3D mesh objects using state-of-the-art convolution and pooling layers designed for 3D mesh data.
- Defect Prediction on Production Line (Télécom Physique Strasbourg, 2023): Group project to develop a supervised learning solution for a real world industry problem.

1st February 2024