

# PIERRE-ANTOINE LEQUEU

FINAL YEAR ENGINEERING INTERNSHIP  
ARTIFICIAL INTELLIGENCE  
6 MONTH STARTING FEBRUARY-MARCH 2024

## CONTACTS



+33 6 95 04 93 31



pierreantoinelequeu@gmail.com



28 rue Hippolyte Mallet  
63130 Royat, France



linkedin.com/in/pierreantoinelequeu/

## PERSONAL PROFILE

As an Artificial Intelligence enthusiast, particularly in its use in impactful fields such as health care and environmental studies, I am currently looking for an internship to conclude my engineering degree and to gain insight on the corporate world.

During this period, I hope to enhance my technical skills, as well as my communication and team work skills

## SKILLS

### PROFESSIONAL

- Python (Sklearn, tensorflow, pytorch), R, matlab, SQL & NoSQL, javascript, React & React Native
- Team work, organization
- French (Native), English (Fluent), Japonais (A1-A2), notions of german and korean

### PERSONAL

- Music : Guitar for 10 ans, Piano, Bass guitar, music composition
- Graphic arts : Design of the 2022 TEDxMinesNancy event poster, drawing
- running & Trail : winner of the Raid Mines Nancy 2023 race

## CERTIFICATIONS & DEGREES

- Baccalauréat (French highschool leaving diploma) with Distinctions
- English : 8/9 IELTS in 2022
- Japanese : JLPT N5 in 2023
- Project management MOOC
- Driver's Licence

## EDUCATION

### Seoul National University

Exchange Semester - Seoul, South Korea

2023

- One-semester exchange in the Computer Science and Engineering department
- Classes taken : Natural Language Processing, Topic in Machine Intelligence (Generative AI), Artificial Intelligence in Urban Planning and Design 2, Understanding Asian Philosophy

### Mines de Nancy Engineering School

Ingénieur Civil des Mines - Nancy, France

2021-2024

- Computer Science Engineering degree equivalent to a Master's degree in Computer Science
- Classes taken : Machine Learning, Data Science, Computer Vision, Robotic, Statistical Inference, Probabilities, diverse physics classes, micro & macro economics, management, English and Japanese

### Classes Préparatoires aux Grandes Ecoles

Undergraduate Program - Clermont-Ferrand, France

2019-2021

- a two-year undergraduate program prior to the highly selective entrance examination to prestigious French engineering schools (Advanced and Applied Maths and Physics).

## PROFESSIONAL AND CLUB & SOCIETY EXPERIENCE

### Research Engineering Intern

Techlab Mines Nancy - 2 month - Nancy, France

2023

- Kotlin mobile application development in partnership with the French army to control drones and define, generate and send autonomous flying missions
- Video feedback processing through AI : skeletonization, objects detection
- Drone flocking algorithm development

### Treasurer

Mines Nancy Student Union Committee - Nancy, France

2022-2023

- Handling of a €130k budget for over 35 clubs for over 400 students
- Managing and working with a 21 people team organizing the associative life, including travels, conferences and student events

### Work Placement

Michelin - 5 weeks - Clermont-Ferrand, France

2022

- Discovering the industrial world. shift work in a sorting workshop in a plant of 700 workers

### Communication Manager

TEDxMinesNancy & Club Ski - Nancy, France

2021-2022

- In charge of communication in the organisation of two events: skiing trip for 110 persons and TED talks (conferences) open to the public for a week-end