

Henri-Louis Boisvert

✉ hlboisv@gmail.com | 🏠 boisvert.netlify.app | 📺 HL-Boisvert | 🌐 henri-louis-boisvert

Summary

I am a French/Canadian Data Analyst specializing in AI and looking for exciting job opportunities as Data Scientist or ML Engineer in London.

Skills

ML libraries

TensorFlow
Keras
scikit-learn
pandas
fastai

Development

Python – 3 yrs
Java – 3 yrs
R – 1 yr

Databases

MySQL
MongoDB
Neo4j
Airflow & Kafka
Azure

Others

Git
LaTeX
MATLAB/Simulink

Languages

French – Native
English – Fluent
German – Novice

Hobbies

music

Playing piano in a jazz band for 4 years

sport

Practising athletics in a club and competing regionally for 3 years

Education

2021–2022 **M.Sc.** Artificial Intelligence, Heriot-Watt University, Edinburgh

- Dissertation: *Evaluating the Performance of Different Reinforcement Learning Methods for Autonomous Racing*
- Computer Science Prize for best MSc dissertation
- Awarded with Distinction (GPA: 4.0)

2017–2022 **M.Eng.** General Engineering, ECAM School of Engineering, Lyon

- Combined Bachelor's and Master's degree
- Innovation group project: developing a business plan from scratch

2020–2021 **Exchange Semester**, Computer Science, University of Southern Denmark

- 6-month Erasmus exchange in Denmark
- AI group project: solving a Sokoban puzzle with a motorised robot

2010–2020 **Music Diploma**, Salon-De-Provence Conservatory

- Classical training in piano, including solo and group concerts

Work experience

2022–Now **Data Analyst**, Mazars UK, London

- Revenue analytics using Python, R and PowerBI
- SQL code reviews to help clients improve their queries' efficiency
- Implementing data warehousing solutions with Azure & Synapse

2021–2021 **Cleanroom Validation Technician**, ESPRIT Validation, Lyon

- Certifying cleanrooms from ISO 5 to 9 following GMP
- Clients included Novo Nordisk and Boehringer Ingelheim

2020–2020 **CAD Database Management Intern**, General Electric, Lyon

- Writing VBA macros to manage CAD libraries used by the Energy R&D Department
- Extract and analyse SAP data

2019–2020 **Participant in French Robotics Cup 2020**, ECAM School of Engineering, Lyon

- Helping with the programming of motorised robots at ECAM Lyon's Robotics club using ROS, Raspbian, GitHub, C++ and Python

2019–2020 **Volunteer Tutoring**, Le Secours Populaire, Lyon

- Helping high-schools student with maths and English homework; cultural outings

Projects

Image classification: During the COVID pandemic, implementing a CNN image classifier to help health services recognise whether students were wearing masks.

Smart Alarm Clock: Creating a smart alarm clock with speech synthesis and web scraping using a Raspberry Pi and a speaker.