


Mathieu LAÏ-KING

Machine Learning / NLP Engineer

Contact

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 [mathieulaiking](#)

Languages

French Mother tongue

English (CAE – C1 – Score 193)

Japanese Notions

Spanish Notions

Hobbies

Volleyball and Beach Volley (9 years including 3 in a club)

Guitar (14 years including 6 years of guitar lessons)

Video Games

Experience

Feb. 2021 - Jul. 2021

Machine Learning / NLP Engineer • Lyon, France • SEGULA Technologies

End-of-study internship in Research and Innovation team. Using machine learning and NLP to find recurrent problems in customer service data (vehicles malfunction, text messages from customers). Implementation of NLP pipeline (preprocessing, embedding, clustering, topic modelling) to extract similar groups of problems and identify their main topic.

Jul. 2019 – Jun.2020

Machine Learning R&D Engineer • Berlin, Germany • Fraunhofer IPK

Gap year internship in an applied sciences research institute. Working in different teams for 2 projects. 1st project: using Machine Learning / NLP / Computer Vision to extract and compare product requirements. 2nd project: Web development using Java + JSF for internal project management application.

Projects

Mobile Application Project • CPE Lyon • 5th year final project

Development of a mobile application (React frontend) allowing to store pictures on an AWS S3 server, with user creation and management and an AI processing part allowing to classify the picture (person faces, landscapes). Node.js backend, communication between backend and processing part by message broker (RabbitMQ). Integration and continuous deployment using Gitlab and Heroku (with Docker).

Hackathon • Sopra Steria & CPE Lyon

Crossing WSOD data (climatic data) with INSEE data on hotel reservations in France. Use of the Hadoop cluster with Hive for data crossing. Geographical processing carried out on Spark (because hotel data by French region) then visualization on Tableau. Project in groups of 4.

Education

Sep 2017 – Jul 2021

CPE Lyon • Lyon, France • Master of Science - MS, Computer Science

Specialization in Big Data and Software conception. Gap year between July 2019 and June 2020. Relevant Courses: Machine Learning, Deep Learning, Big Data hackathon, Information systems architecture, Design Patterns, Mobile Development, Data Mining.

Sep 2015 – Jul 2017

Lycée Leconte de Lisle • Saint-Denis, Reunion, France • CPGE Scientifique

Preparatory classes for the French "Grandes écoles" entry exams. Maths, Physics & Engineering.

Sep 2012 - Jul 2015

Lycée de Stella • Saint-Leu, France • High School Diploma, Science, with honours