Benjamin Loriot

Computer science engineering student looking for a 6-months intership starting from Sept. 2020

I am curious about everything but mostly interested in *data engineering*, *cloud computing*, and *web technologies*.
I am currently pursuing a double degree in France and Canada, in the meantime I am also a part-time web developer at index .

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SKILLS

Languages

French - Native
English - TOEIC 975/990 (C1)
Spanish - Notions (B1)

Engineering

Data Science

Data mining · Machine learning · Deep learning (LSTM, CNN) · Python (pandas, scikit...) · Data visualization

Programming languages

Python · Javascript · Go · HTML5/CSS3 · Java

Front & Back

React · Next.js · Vue · SQL · Graph-database (graphQL, Dgraph) · MongoDB

Other tools & techniques

Docker · DevOps · Arduino · LaTeX

Management

IT services management · Project Management · Portfolio Management

Leisure

Cooking
Learning
Swimming

EDUCATION

Engineering degree, Computer Science, minor in Data Mining
(GPA : 4,7/5)
University of Technology of Compiègne (UTC), Compiègne, France
— In-depth study in *computer science*, *operational research*, *programming techniques*, *algebra* and *statistics*.
— *Data science*, *data engineering*, *decision support*, and *distributed computation*.

2015 - 2020

Master of Engineering, Information Technology (GPA : 4,08/4,3)
École de Technologie Supérieure (ÉTS), Montréal, Canada
— Managerial skills such as *IT service management*, *project management*, and *portfolio management*.
— Straightening of my knowledge in various fields of computer science including *cloud computing architecture*, *internet security*, and *Human-computer interaction*.

2019 - 2020

Semester Abroad
National Technical University of Athens (NTUA) - Athenes, Greece

Spring 2017

PROFESSIONAL EXPERIENCE

Junior web developer
Index, Montreal, Canada
— Full stack development for Alya, a solution designed to optimize marketing campaigns. *(Next.js, React, Apollo, Hasura, PostgreSQL, Cypress)*

Since dec. 2019

Developer Intern
Combient, Stockholm, Sweden
— Parallel scraping of GitHub *(Go, Dgraph)*
— Design and implementation of metrics to measure the health of open source communities. *(Python, Go, DGraph, Postgress, forcasting)*

Summer 2019 (2 months)

Research Intern
Royal Institute of Technology (KTH), Stockholm, Sweden
— I had the opportunity to work on my own research project and to write of a scientific paper. *(Python, LaTeX, LSTM)*

Fall 2018 (6 months)

PROJECTS & ACHIEVEMENTS

French names trend visualisation from the past century until today
— Analysis of the data and creation of an interactive visualisation. *(Data Analysis, t-SNE, Vue, D3.js)*

Fall 2019

Embedding of developers based on the libraries they use
— The goal of this research project is to find new techniques to assess who are the core developers of a project. *(Graph analysis, Co-clustering)*

Spring 2019

Pollution tracking service
— Creation of a device in order to track more accurately pollution in cities. *(Arduino, Angular, JavaScript)*

Winter 2017

Wining team of the Hackathon UTC 2017
— Designing of a concept of a car network that improves security by sharing sensors. *(Arduino, C++)*

Nov. 2017