

Benjamin Lorient

Computer science engineering student looking for a 6-months internship 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 · Computer vision

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, forecasting*)

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

Winning team of the Hackathon UTC 2017

- Designing of a concept of a car network that improves security by sharing sensors. (*Arduino, C++*)

Nov. 2017