

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

XGBoost · Computer
vision · t-SNE · PCA ·
Co-clustering · SVM ·
Matplotlib · Seaborn ·
Pandas...

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 · Ar-
duino · \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