Benjamin LORIOT

Computer Science Student Looking for a Six-Month Graduate Internship

I am a computer science student curious about everything but mostly interested in *data science*, *data engineering* and *web technologies*. I am currently pursuing a double degree in France and Canada.
If you want to see my extended resume with some links and exemples you can check out my website.

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EDUCATION

Master of Information Technology Engineering
École de Technologie Supérieure (ÉTS), Montréal, Canada   *2019 - 2021*
  — Straightening of my knowledge in various fields of computer science including *Human-Machine interface* and *internet security*.
  — Managerial skill such as *project management*, and *portfolio management*.

Master in Computer Science Engineering with a major in Data Mining
University of Technology of Compiègne (UTC), Compiègne, France   *2015 - 2020*
  — In-depth study in *computer science, operational research, programming techniques, algebra* and *statistics*.
  — *Data science and data engineering, decision support*, and *distributed computation*.

Semester Abroad   *Spring 2017*
National Technical University of Athens (NTUA) - Athenes, Greece

PROFESSIONAL EXPERIENCE

Developer Intern
Combient, Stockholm, Sweden   *Summer 2019 (2 months)*
  — Design and implementation of a software to measure the health of open source communities. *(Python, Go, DGraph, Postgress, Forcasting)*

Research Intern
Royal Institute of Technology (KTH), Stockholm, Sweden   *Fall 2018 (6 months)*
  — I had the opportunity to work on my own research project and to write of a scientific paper. *(Python, LaTeX, LSTM)*

PROJECTS AND ARCHIVEMENTS

French names trend visualisation from the past century until today   *Fall 2019*
  — Analysis of the data, and creation of an interactive visualisation. *(Data Analysis, t-SNE, Vue)*

Embedding of developers based on the libraries they use   *Spring 2019*
  — The goal of this research project is to find new techniques to asses who are the core developers of a project. *(Graph analysis, Co-clustering)*

Pollution tracking service   *Winter 2017*
  — Creation of a device in order to track more accurately pollution in cities. *(Arduino, Angular, JavaScript)*

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

TECHNICAL STRENGTHS

Data Science
XGBoost · t-SNE · PCA · Co-clustering · SVM · Random forest · distributed computation (Spark) · Jupyter · Matplotlib · Seaborn· Pandas · D3.js..

Programming languages
Python · Go · Javascript · HTML5 · CSS3 · Java · Bash · R

Front & Back
Vue · node.js · SQL · Graph-database (Neo4j, Dgraph) · MongoDB · React (notions) · Django (notions)

Other
CI/CD · Academic paper reading & writing · Internet Security · Arduino · LaTeX

Management — Project Management · Portfolio Management
Languages — French *(Native)* · English *(Advanced, TOEIC 875)* · Spanish *(Notions)*