

# Benjamin Lorient

Full stack software engineer at Apricity

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- <https://blorient97.github.io>

## ABOUT ME

Computer Science has always been my main hobby. In primary school my father helped me develop my first program in VBA : a Tic Tac Toe.

Apart from that I spend most of my time being curious, cooking or playing video games, my second childhood passion. Sometimes I do sports.

## SKILLS

- Engineering**
- Frontend**
  - Next.js (React)
  - Ant Design
  - Cypress
- Backend**
  - NestJS
  - Hasura
  - SQL (Postgress), Redis
- Programming languages**
  - Typescript & Javascript
  - Python
- CI/CD**
  - Github Action, Semaphore
  - Docker
- Monitoring**
  - Datadog
  - Semaphore
- Languages**
- French** - Native
- English** - TOEIC 975/990 (C1)
- Spanish** - Notions (B1)

## PROFESSIONAL EXPERIENCE

- Full-stack developer**  
*Apricity, Paris, France*
  - Full stack development of new features, from technical specifications to production. (*Next.js, Ant Design, NestJS*)
  - Improvement of our API monitoring through Datadog and Sentry.
  - Progressive redesign of our backend code base in order to apply domain driven development principles.*Feb. 2021 - now*
- Software Engineer Intern**  
*RIMES, Paris, France*
  - Design, programming and maintenance of a cache service based on Redis.
  - Feasibility analysis for deploying a Docker Swarm cluster to run Linux and Windows container in the current Windows based architecture.*Sept. 2020 - Feb. 2021*
- Full-stack developer (part-time student job)**  
*Index, Montreal, Canada*
  - Full stack development for Alya, a solution to optimize marketing campaigns. (*Next.js, React, Apollo, Hasura, PostgreSQL, Cypress*)*Dec. 2019 - Jul. 2020*
- R&D Internship**  
*Combient, Stockholm, Sweden*
  - Parallel scraping of GitHub (*Go, Dgraph*)
  - Design and implementation of metrics to measure the well being of open source communities. (*Python, Go, DGraph, Postgress, forecasting*)*Summer 2019*
- Research Intern**  
*Royal Institute of Technology (KTH), Stockholm, Sweden*
  - Application of machine learning algorithms on source code in order to repair formatting errors. (*Python, LSTM*)*Fall 2018*

## 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*

## EDUCATION

- Engineering degree, Computer Science, minor in Data Mining (GPA : 4,7/5)**  
*University of Technology of Compiègne (UTC), Compiègne, France**2015 - 2021*
- Master of Engineering, Information Technology (GPA : 4,05/4,3)**  
*École de Technologie Supérieure (ÉTS), Montréal, Canada**2019 - 2021*