

### Summary

I am a fast-learner, and I enjoy computer science and foreign languages. I am constantly looking for new challenges and interesting problems to solve. I am a proud father living in England, enjoying living abroad and travelling around the world.

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### Address

Earth, Solar System, Orion Arm,  
Milky Way, Local Group, Virgo  
Supercluster, Observable Universe,  
Known Universe

### Work Experience

#### Bloomberg

Software Engineer

2017 - Current  
1.5 years

Full time position in **Data Processing and Acquisition** at Bloomberg, London:

- Responsible for a **distributed system** processing millions of economics time series
- In charge of an internal web framework with hundreds of daily active users
- Managing the flagship application on the framework acquiring energy generation data



Data Science Intern

2016  
6 months

Internship in **Data Science** at Coorpacademy, Paris:

- Developed a Machine Learning recommendation engine with TensorFlow
- Created a **streaming pipeline** analyzing live business data with Spark



Software Reliability Engineering Intern

2015  
4 months

Internship in Large Scale Database **Reliability Engineering** at Google, Dublin:

- Automated the recovery of a complex data drift problem in MySQL at Google scale
- Diagnosed and fixed problems in a big and highly complex code infrastructure
- Developed in a **real production environment** affecting users at large



Deep Learning Software Engineering Intern

2014  
3 months

Internship in **Deep Learning** for semantic data in IT security applications at Altran:

- Analyzed **semantic meaning** of data retrieved by a web crawler
- Stored the extracted data as a RDF graph, and analyzed with a neural network
- Performed Deep Learning feature extraction in the collected data (possible passwords)

### Interests

#### Diversity & Inclusion Initiatives

Community ally

2018-current  
1 year

Proposing and facilitating events and discussion around diversity and inclusion:

- Starting discussion around inclusion and privilege across Bloomberg communities
- Helping organise events where women give technical talks

### Education



Georgia Institute of Technology

2016-2017  
1 year

Master of Computer Science - Machine Learning

Dual Degree - Master of Science in Computer Science with **Machine Learning** major:

- Analyzed real world (financial) data with Machine Learning algorithms
- Working with Autonomous Robotics systems
- Developing a Full-Stack mobile Application



National Institute of Applied Science

2013-2017  
4 years

Engineering Degree in Computer Science

Dual Degree - Engineering Degree in Computer Science:

- Lead machine learning face recognition and positioning project
- Made compiler **from scratch** (except regex engine) for simple language in C++ (<https://github.com/fat-gyft/lutcc>)



Paris Descartes Institute

2011-2013  
2 years

2-year Computer Science Degree

Started higher education in computer science, after high school

### Skills

#### Engineering Skills

##### Collaboration

- Design discussion with peers
- Full ownership of products

##### Design

- Focus on business value
- Automated testing

##### Distributed Systems

- $\mu$ -services architecture
- Python, Go or C++

##### Machine Learning

- Algorithms and data structures
- Python (sklearn & tensorflow)
- Scala (Apache Spark)

##### Database Management

- MySQL, Oracle
- MongoDB, GraphQL

##### Full Stack Development

- Modern JavaScript

### Student Engagements

Student Board Member and Representative

2011-2015  
4 years

Engaged in various activities in the school associations:

- Organised a yearly recruiting event with industry leaders (2015)
- Was elected to represent class mates 4 years in a row

### Spoken Languages

A big passion

**English:** Fully fluent (TOEFL: 114/120, TOEIC: 970/990)

**German:** Fluent

**French:** Mother language

**Mandarin Chinese:** studied 4 years

**Italian:** studied 3 years

**Spanish:** studied 1 year