

**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 currently doing a dual MSCS Degree and am looking for postgraduate hiring opportunities in New York City.

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**Website**

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**Address**

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**Work Experience**




2016  
6 months

Data Science Intern

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

- Created a **streaming pipeline** analyzing live business data with Spark
- Developed a Machine Learning recommendation engine with TensorFlow
- Designed a scalable and maintainable environment with virtualization and containers




2015  
4 months

Software Reliability Engineering Intern

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




2014  
3 months

Deep Learning Software Engineering Intern

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)



2013  
3 months

Big Data Software Engineering Intern

Internship in **Big Data** at SAP AG in Walldorf, Germany:

- Optimized of the management of a car park for BMW
- Realized of a calculation engine for the Business Intelligence using HBase
- Developed for a **very scalable environment**, with high speed requirements

**Interests**

**Student Engagements**


2011-2015  
4 years

Student Board Member and Representative

Engaged in various activities in the school associations:

- Organized a yearly recruiting event with industry leaders (2015)
- Was elected to represent class mates 4 years in a row
- Directed and played in a theater play

**Education**




**Georgia Institute of Technology**

Jan 2016 -  
Current

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**

**Programming Skills**

<b>Machine Learning</b> <ul style="list-style-type: none"> <li>Algorithms and data structures</li> <li>Python (sklearn) or Matlab</li> </ul>	<b>General</b> <ul style="list-style-type: none"> <li>Docker, Alpine Linux</li> <li>C++, Ruby</li> </ul>
<b>Database Management</b> <ul style="list-style-type: none"> <li>MySQL, Oracle SQL</li> <li>MongoDB, Redis</li> </ul>	<b>Full Stack Development</b> <ul style="list-style-type: none"> <li>React and JSX</li> <li>Node.js, Gulp, Jasmine</li> </ul>

**Hackathons & Competitions**

- Realized a 3D modeling software using 3D movements and voice recognition (winning team of fHACKtory 2014)

**Spoken Languages**

For a long time

<b>English:</b> Fully fluent (TOEFL score: 114/120) <b>French:</b> Mother language <b>Italian:</b> studied 3 years	<b>German:</b> Fluent <b>Chinese (漢語):</b> studied 2 years <b>Spanish:</b> studied 1 year
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