

**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 just finished my dual MSCS Degree and am looking for postgraduate hiring opportunities in Machine Learning.

**Email** g.monod@gmail.com**Phone** +33 (685) 478 044**Github** @gusmonod**LinkedIn** Gus Monod**Website**<https://gusmonod.me>**Address**

17 rue d'Anjou, 92600 Asnières, FR

**Work Experience**

Data Science Intern

2016  
6 monthsInternship 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



Software Reliability Engineering Intern

2015  
4 monthsInternship 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 monthsInternship 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)



Big Data Software Engineering Intern

2013  
3 monthsInternship 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**

Student Board Member and Representative

2011-2015  
4 years

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

2016-May 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****Programming Skills**

Machine Learning

- Algorithms and data structures
  - Python (sklearn & tensorflow)
  - Scala (Apache Spark)
- Database Management
- MySQL, Oracle
  - MongoDB, GraphQL

General

- Docker, Alpine Linux
  - C++, Ruby
- Full Stack Development
- Nodejs, Ava
  - React and JSX
  - React-Native and ES-2016

**Hackathons & Competitions**

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

**Spoken Languages**

For a long time

**English:** Fully fluent (TOEFL: 114/120, TOEIC: 970/990)**French:** Mother language**Italian:** studied 3 years**German:** Fluent**Chinese (漢語):** studied 2 years**Spanish:** studied 1 year