Gus Monod Software Engineer Student in Data Science

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 internship opportunities in the Paris area.

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

Google
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 huge and highly complex code infrastructure
- Developed in a real production environment affecting a tremendous number of users

altran
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
- Performed Deep Learning allowing recognition of patterns in the collected data

SAP
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 Hadoop HBase
- Developed for a massively scalable environment, with high speed requirements

Interests

Spoken Languages
For a long time ;-)

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

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
- Working with Autonomous Robotics systems
- Developing a Full-Stack mobile Application
- And of course analysing real world data with Machine Learning algorithms

National Institute of Applied Sciences of Lyon (INSA Lyon)
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 University 2-year Degree (DUT)
2011-2013
2 years

Technological University (2-year) Degree of Computer Science

Started higher education in computer science, after high school

Skills

Programming Skills

Machine Learning
- Algorithms and data structures
- Python (numpy) or Matlab implementations

Database Management
- MySQL, Oracle SQL
- MongoDB, Redis

General
- Unix administration
- C++, Ruby

Full Stack Development
- Javascript ES6, HTML 5 and CSS 3, Angular.js
- Node.js, Gulp, Jasmine
- Java and Android

Other Activities

Hackathons & Competitions

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