

Alexis Durocher

Very interested in an internship opportunity in Data Science and Machine Learning.

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EXPERIENCE

HERE, Berlin, Germany — *Software Engineering Intern*

September 2016 - February 2017

Platform for on-demand mobility supporting taxi-hailing and car-pooling. Exposition at the CES 2017 in Las Vegas. Inventor of Algorithm (Patent Fulfilment). Dev REST API | backend and frontend web & IOS application | Machine Learning modules to visualize, cluster and predict customers request in Las Vegas. *6-month internship*

TimeTonic, Saint-Germain en Laye, France — *Artificial Intelligence Intern*

July 2016 - August 2016 & February 2017

Embedded and responsive chatbot service in TimeTonic shared database. Complete implementation. AIML | php | nodeJS | data intelligence | Natural Language Processing. *Summer student job.*

EDUCATION

Georgia Institute of Technology, Atlanta, USA — *Master of Computer Science | Machine Learning & A. I*

January 2018 - June 2019

Attending one of the best (ranked 5th worldwide), master in Computer Science, with a specialization in **Artificial Intelligence** and **Machine Learning**. This program includes Entrepreneurship, Mobile Application, ML for Trading and Computer Vision courses.

Université de Technologie de Compiègne (U.T.C), France — *Bachelor + Master of Engineering Computer Science | Data Mining*

September 2013 – September 2018

A 5-years computer engineering in one of the best (ranked 2nd) engineering school in France including two 6-month exchange semesters at the **Shanghai University UTSEEUS** (China, 2015) and at the **University Federal of Rio de Janeiro UFRJ** (Brazil, 2017). Specialization in Artificial Intelligence and Data Mining (Applied Statistics).

PROJECTS

DatAdventure — Student Association promoting data science and projects in the field, organizing workshop and participating in Machine Learning competitions. (**Kaggle**).

DataHunter — Open source module to estimate probabilities of a certain feature on top of a clustered dataset. (**Kmeans, probabilities estimation**)

Cassandra data-warehouse — Implementing complete NOSQL data warehouse for taxi company data with analysis and visualization. (**Map Reduce, clustering**)

Heudyasic Laboratory — Android application to help prevent natural disasters based on visualization and analysis of real-time sensors' data. (**Android, dataviz**)

SKILLS

Machine Learning: Classification | Clustering | Regression | Features engineering | Optimization | Computational Theory

Artificial Intelligence: Natural Language Processing | Logical Programming | Weightless Neural Network | Computer Vision | Basis of CNN & RNN

Data Science: Principal Component Analysis - Dimensionality Reduction | Statistical Learning | Probabilities

Coding: NodeJS | SQL | ReactJS | Swift | Python (scikit-learn, numpy, pandas, openCV) | R | Cassandra | C++ | C | Java | Mobile Development | PHP

PERSONALITY

Problem Solver | Curious | Hard worker | Communicative | Thorough | Friendly

AWARDS

Patent fulfillment: Inventor of animation algorithm for probe points (ref. US15/609,332)

3rd Prize Chinese jury: 24 hours of Innovation – solution for garbage collection (Team *knightmare*, 2015)

LANGUAGES

French (native) | English (TOEIC & GRE) | Spanish (B2) | Portuguese (B2) | Chinese (A2)

HOBBIES

Music: Classical Guitar (16 years) | Composition (acoustic & electronic)

Traveling & Sports: Trip organization | Travel video (editing, scripting) | Boxing | Rugby | Swimming | Judo

Voluntary work: Concerts | Integration | Help in Collaborative Organic Farm.