

INFORMATION

📍 Paris, France
✉ sylvain.marchienne@gmail.com
☎ (+33) 6 64 72 39 61
🌐 sylvainmarchienne.fr
in linkedin.com/in/sylvainmarchienne
🐙 github.com/sylvainma
M medium.com/@sylvainma

Sylvain Marchienne

COMPUTER SCIENCE STUDENT

Computer Science student, Machine Learning enthusiast, seeking to get involved in ambitious projects using state-of-the-art Artificial Intelligence methods.

Georgia Institute of Technology graduate student in CS/ML

Looking for a 6-month internship starting May 2019.

ORGANIZATION



Co-founder and President

DataVenture is a student organization which promotes Data Science & AI through conferences & tech workshops. www.dataventure.fr

IT LANGUAGES

Proficient

Python · Javascript · R · SQL · HTML & CSS · Git

Familiar

C/C++ · Java · Objective-C · PHP

ONLINE COURSES

Deep Learning @Coursera

Full specialization of deeplearning.ai, by Andrew Ng.

DNN · CNN · RNN · Structuring ML projects · Hyperparameter tuning and optimization

Machine Learning @Coursera

Introduction to machine learning, by Andrew Ng, Stanford University.

Regression · Classification · Supervised & Unsupervised learning

LANGUAGES

French Native

English Professional, TOEFL 102

Spanish Good, European level B2

Chinese Beginner, 200 characters

INTERESTS

Sport running, crossfit, falling

Travelling work/education/holidays

Interculturality and openness

Communication public speaking

Writing Blogs (e.g Medium articles)

EXPERIENCE

Feb 2018 - Apr 2018

DATA SCIENTIST

Psyche Research, part-time position, 3 months

Participated in innovative projects for industrial clients.

- Computer vision (object detection, anomaly detection)
- Backend developement (APIs, databases, web applications)

Deep Learning · Tensorflow · Keras · Scikit-Learn · AWS · Django

Feb 2017 - Aug 2017

MACHINE LEARNING INTERN

craft ai, 7 months

Worked in partnership with the City of Paris and Suez on a predictive solution to improve waste collection management in Paris.

- Supervised learning for regression and classification
- Clustering algorithms on Paris city streets
- Designed backend for preprocessing, training and validating models
- Designed real-time service application
- Wrote technical articles for the company's blog
- Speaker at the Paris Intelligence Artificielle Meetup #3.

Time Series · Pandas · Scikit-Learn · Nodejs · Redis · Docker · AWS · S3 · craft ai API · Public Speaking · Writing

EDUCATION

2019 - 2020

GEORGIA INSTITUTE OF TECHNOLOGY, FRANCE-USA

Master's Degree, Computer science

Computer Science with Machine Learning specialization.

2013 - 2018

UNIVERSITY OF TECHNOLOGY OF COMPIÈGNE, FRANCE

French Engineering Degree, Computer science, GPA 3.52/4

Computer science with Data Science specialization. Founded DataVenture.

Sept 2017 - Jan 2018

SHANGHAI UNIVERSITY, CHINA

Exchange semester, International Engineer program

Chinese language and history, project management and leadership. Won the Data Analysis award at 2017 Shanghai urban data hackathon.

PROJECTS

Anomaly detection with Deep L.

Implementation of anomaly detection estimators in Tensorflow for computer vision tasks. **Deep Learning · Tensorflow · One Class SVM**

Javascript webapp

Designed a webapp to manage the UTC's Fablab: users, machines, payments, tasks. **AngularJS · Laravel Framework · SQL · MVC · REST**

Sales predictions with Machine L.

Model training and software implementation for sales prediction of all products sold in a bar. **ML/DL · Time Series · Data Visualization**

iOS application

Application about shop reviews from students. Designed iOS app and remote backend. **Objective-C · Google Maps SDK · REST · PHP · SQL · Bootstrap**