

INFORMATION

Compiègne, France
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SKILLS

Data Science
Web development
Software engineering

IT LANGUAGES

Proficient
Python · Javascript · C/C++ · SQL · HTML & CSS · PHP · Git
Familiar
R · Java · Ruby on Rails · Objective-C

MOOCs

Machine Learning @Coursera
Introduction to *machine learning*, by Andrew Ng, Stanford University.
Regression · Classification · Supervised & Unsupervised learning
R Programming @Coursera
Introduction to *R* basis, by Johns Hopkins University. Control structures & functions · Loops · Simulation

VOLUNTEERING

Hostel crew member
Crew member in Irish hostel. Volunteer work against bed and food. Multicultural experience. *2 months, 2016.*
Co-founder Data Science club
Co-founder of the Data Science student club at UTC. *Feb 2017 - now.*
Head of IT team
Manager of 3 developers to carry out a web & mobile project, at Find'UTC, student organization. *6 months, 2015.*

LANGUAGES

French
Native
English
Professional, European level B2
Spanish
Good, European level B2
Chinese
Beginner

INTERESTS

Sport
Rowing, crossfit, weightlifting
Travelling
Work / education / holidays
History
Middle East
Meetups
Machine Learning, Data Science, AI

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.

Looking for a 6-months internship starting February 2019.

EXPERIENCE

Feb 2017 - Aug 2017

MACHINE LEARNING INTERN

craft ai

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.

Machine Learning · Python · Pandas · Matplotlib · Scikit-Learn · Jupyter Notebooks · Nodejs · Redis · Docker · AWS · S3 · craft ai API

Sept 2016 - Jan 2017

WEB DEVELOPER

Fablab UTC

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

July 2016 - Sept 2016

WEB DEVELOPER

USEC Junior Enterprise

Rebranded the organization with a modern graphic design for the organization website. Designed a landing page and subpages for additional content. **Twitter Bootstrap · LessCSS · Ruby on Rails**

March 2015 - Sept 2015

IOS DEVELOPER

Find'UTC student organization

Development of an iOS app (published on the AppStore), a JSON API and a website. **Objective-C · Google Maps SDK · REST · PHP · SQL · Twitter Bootstrap**

Startups data visualization

Web scrapping, analysis and graph visualization on data about startups created by UTC students. **Gephi · Laravel Framework**

Scientific calculator software

Development of a scientific calculator for computing and variables-programs manipulation using Reverse Polish Notation. **C++ · Qt · Design Patterns**

PROJECTS

EDUCATION

2013 - Present

UNIVERSITY OF TECHNOLOGY OF COMPIÈGNE, FRANCE

Master of Science - MS, Computer science

Computer science with data science specialization. Current GPA 3.36/4. Graduation expected in 2019 September.

Sept 2017 - Jan 2018

SHANGHAI UNIVERSITY, CHINA

Master of Science - MS, Computer science

Exchange semester studying machine learning, chinese language and history, project management and leadership.

Sept 2015 - Jan 2016

UNIVERSITAT ROVIRA I VIRGILI, SPAIN

Bachelor of Science - BS, Computer science

Exchange semester studying programming, math and statistics.