

Charles Thiébaud

📍 Geneva

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EDUCATION

2017 – 2020 (prospect) **Master's degree in Data Science**

Ecole Polytechnique Fédérale de Lausanne

- Minor in Financial Engineering

Relevant Coursework :

- Major : Machine and Deep Learning, Applied Data Analysis
- Minor : Introduction to Finance, Financial Big Data, Venture Capital

2013 – 2017 **Bachelor's degree in Communication Systems**

Ecole Polytechnique Fédérale de Lausanne

- Relevant Coursework: Stochastic Models, Principle of digital communication, Algorithms, Probability and statistics, Database

LATEST PROJECTS

2020 **Olfactive exploration and classification using graphs**

- Master thesis done at Firmenich
- Done in Python using various libraries (Pandas, Sklearn, Tensorflow)

2018 **Deep Learning Project**

- Neural Network modeling for a classification task on a noisy dataset prone to over fitting
- Done in Python using Pytorch

2018 **Decentralized SVM**

- Implementation of a Decentralized Support Vector Machine algorithm using stochastic gradient decent
- Implemented using Kubernetes, Docker, GRPC and coded in Scala

WORK EXPERIENCE

June 2020 – Present **Data Product Manager**

CWT, Geneva

- Product Owner and developer of a next generation insight platform
- Based on Google Looker and Cloud Platform

September 2019 – April 2020 **Data Scientist Intern**

Firmenich, Geneva

- Internship with master project to validate my diploma
- under supervision of prof. Vandergheynst

March 2019 – September 2019 **Data Scientist**

Smood, Geneva

- Part time: one day a week in parallel with my studies
- Completing various data science related missions in a rapidly evolving environment

SKILLS

Languages French

- Mother Tongue

English

- C1 Level (93/106 TOEFL (2012); master's degree done in english)

Programming Languages Python

- Pandas, Pytorch, Statsmodels, Keras, Sklearn libraries

Looker

ADDITIONAL INFORMATION

Hobbies Bouldering, Badminton.