

# Charles Jules Thiébaud

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## EDUCATION

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2017 – 2019 (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

2010 – 2013

### Maturité Fédérale Bilingue

Collège du Léman

- OS: Physics and Maths

## LATEST PROJECTS

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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

2018

### Time Series Flight Delays Forecasting

- One dimensional models for delays on JFK to LAX air route
- Done in Python using Pandas and statsmodels

## WORK EXPERIENCE

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December 2015 – April 2018

### Station Agent

Swissport, Geneva

- Seasonal: during high traffic winter season at Geneva Airport
- In charge of check-in and helping customers on Star Alliance's flights

July 2014 – August 2014

### Intern

SITA, Geneva

- Modification of android and Ipad applications for crew

## SKILLS

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### Languages

French

- Mother Tongue

English

- C1 Level (93/106 TOEFL (2012))

### Programming Languages

Python

- Pandas, Pytorch, Statsmodels, Keras, Sklearn libraries

Scala, Java, Matlab

## ADDITIONAL INFORMATION

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### Driving licence

Unrestricted Swiss car driver's license

### Hobbies

Triathlon, Wall climbing, Badminton.