



VALENTIN GARNIER

Data Science Internship

CONTACT



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valentingarnier.com

Hello, Bonjour, Ciao

French : Native

English : C1 Level

Italian: A2 Level

TECHNICAL SKILLS

Python
Machine Learning / Deep Learning
PySpark / Spark
SQL / Database Systems / Hive
Java / Scala
Swift / SwiftUI
HTML / CSS / Bootstrap / Django
Agile Method: Scrum



INTERPERSONAL SKILLS

Proactive
Teamwork / Autonomous
Curious / Creativity
Communication
Leadership

INTERESTS

Data Science / Machine Learning
Mobile app development
Wakeboarding / Surf
Music / Guitar

ABOUT ME

I am from Tahiti and I moved to Switzerland for my studies. I am studying Data Science and Entrepreneurship at EPFL. I aim to be better at statistics than any software engineer and better at software engineering than any statistician! I am looking for Data Science / Machine Learning internships.

WORK EXPERIENCE

September 2021 - now | Data Science Intern | Swisscom

Currently doing an internship at Swisscom, the leading telecommunication company in Switzerland. Building recommender systems on the Swisscom Data Catalogue. Implies a lot of machine learning and NLP.

February 2021 - August 2021 | Teaching Assistant | UNIL

Teaching Assistant for the Practical Programming in Python course. Help the teacher with teaching material and help students to succeed the course by leading exercise sessions. The course has over 250 students.

September 2019 - September 2020 | Communication Assistant | EPFL - IC Communication

Had to ensure good content on different social medias: Instagram, Twitter Facebook and LinkedIn. Responsible for writing articles about events happening on the campus, and interviewing people related to computer science.

April 2019 - September 2020 | Teaching Assistant | Code & Internet for Girls

Organizer of the Code & Internet for Girls course. It allows girls from 9 to 12 to build a website and a little game using Scratch.

PROJECTS

February 2021- July 2021 | PROJECT IN DATA SCIENCE | Swiss Data Science Center

Implementation of a complete pipeline to analyse human mobility from raw GPS data points. Currently transforming the pipeline to a python package. Paper available on my website!

November 2020 - January 2021 | DATA ANALYSIS PROJECT | EPFL

Made a creative extension analysis of a research paper on mobility data. Opportunity to deepen my skills in data analysis, data visualization and how to present results under a data story. <https://valentingarnier.github.io/>. Grade: 5.5

April 2020 | The Curve - PERSONAL PROJECT

Decided to develop a hackathon idea and organized a live festival in two weeks during the first lockdown. Gathered around 3000 dollars for a charitable organization.

February 2020 - June 2020 | DATA VISUALIZATION PROJECT | EPFL

Made a creative visualization using javascript and D3 that represents the color of songs for a course at EPFL. My team and I made one of the best project. Grade: 6. <https://com-480-data-visualization.github.io/data-visualization-project-2021-pia/>

February 2020 - June 2020 | LAB IN DATA SCIENCE | EPFL

Development of a robust journey planner for the Zurich area. Great opportunity to learn more about PySpark, Hive and apply graph algorithms on a real life problem. Grade: 5.5

October 2019 - December 2019 | MACHINE LEARNING PROJECT | EPFL

Development of a recommender system on the Netflix Challenge dataset. Opportunity to improve knowledge in Machine Learning and discovery of a new python library (Surprise). Ranked 8th on the aicrowd platform. Grade: 5.5

EDUCATION

September 2019 - Today | Master in Data Science with minor in Management & Entrepreneurship – EPFL

September 2015 - July 2019 | Bachelor Degree in Computer Science – EPFL

I did my bachelor semester project at SPRING lab under the direction of Carmela Troncoso on DNS privacy. Development of defenses against website fingerprintability.

June 2015 | High School Diploma in Science – Lycée Polyvalent de Taravao, Tahiti

I got my degree with highest honors in Tahiti, where I lived for a major part of my life.