

SABRINA KALL

Master Student: Computer Science

Birthdate: 15-10-1996 📍 Nationalities: Switzerland + USA

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EDUCATION

Master in Computer Science

Ecole Polytechnique Fédérale de Lausanne

📅 Sept 2018 – Sept 2020

📍 Lausanne, Switzerland

Specialization in Data Analytics - Current Average: 5.35

Bachelor in Computer Science

Ecole Polytechnique Fédérale de Lausanne

Technische Universität Wien

📅 Sept 2015 – June 2018

📍 Lausanne, Switzerland + Vienna, Austria

Erasmus year in Austria studying Software Engineering, 2017-2018

Bilingual Federal Maturity

Nyon Gymnasium

Kantonschule Zürcher Oberland

📅 Sept 2012 – June 2015

📍 Nyon + Wetzikon, Switzerland

Specialization in Spanish

EXPERIENCE

Student Assistant for EPFL C++ Courses

Ecole Polytechnique Fédérale de Lausanne

📅 Sept 2018 – Feb 2020

📍 Lausanne, Switzerland

I taught first year students how to write and debug their own programs and supervised their projects.

Internship as a Software Developer

Senacor Technologies AG

📅 July 2018 – Sept 2018

📍 Vienna, Austria

I created analytical software tools as part of a deployed dev team.

PROJECTS

Quotation-Centric News Exploration

Ecole Polytechnique Fédérale de Lausanne

📅 Sept 2019 – Jan 2020

📍 DLAB, EPFL

Development of a webapp for the intuitive exploration of a database of quotes collected from news articles and biographies of speakers from wikidata

Know-thy-neighbor: Approximate Proof-of-Location

Ecole Polytechnique Fédérale de Lausanne

📅 Feb 2019 – June 2019

📍 DEDIS Lab, EPFL

Development of algorithms for discovery of consensus groups and malicious node exclusion in the context of location-based "trust-but-verify" blockchain architectures.

TECHNOLOGIES

</> **Software Development**

Java (including microservices, Spring Boot), C++, C, Scala, Go

</> **Frontend Development**

Javascript, Html, Css

</> **Data Analysis**

Python, R, Spark, Hadoop

</> **Databases**

SQL, Cypher, MongoDB

</> **Artificial Intelligence**

Machine Learning, NLP, Intelligent Agents

</> **Decentralized Computing**

Blockchain, Distributed and Concurrent Algorithms, Multiprocessor Architecture

FLUENCY

English



(Swiss) German



French



Spanish



ACHIEVEMENTS



Valedictorian Graduate of Nyon Gymnasium in 2015

and the school's first ever student to become so with a bilingual degree



Founding member of EPFelles

EPFL's female students' association, in which I served as first Vice President and third President

PERSONAL INTERESTS

Running

Travel

Martial Arts

Reading

Writing (Stories, Codes)

REFERENCES

On Request