Antoine Combremont

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EDUCATION

The University of Edinburgh   Edinburgh, Scotland
Exchange semester, College of Engineering, School of Informatics   January 2022 − June 2022

Eidgenössische Technische Hochschule Zürich   Zurich, Switzerland
Bachelor of Science in Computer Science   2018 - January 2023

Lycée Denis de Rougemont   Neuchâtel, Switzerland
Swiss Federal Maturity, focus on physics and mathematics   2015-2018

EXPERIENCES

Mandatory Swiss Military Service   Switzerland
Schweizer Armee, artillery   July 2022 − November 2022
- Accomplished a 4 months of soldier training as a pilot in the Swiss artillery
- Learned teamwork under stressful conditions and unfamiliar environment
- Acquired new planning skills during supervised exercises

Bachelor Thesis   Zurich, Switzerland
Title: Digging Deep into Intratumoral Heterogeneity of Ovarian Cancer   April 2021 − May 2021
- Wrote a thesis in the research group of Prof. V. Boeva (online link)
- Topics include **ML, unsupervised clustering, bio-medical data analysis, and visualization**
- Worked on the analysis of scRNA-seq of a private dataset provided by the University Hospital of Basel
- Used unsupervised learning methods to discover trends in the genetic expression of Ovarian Cancer cells
- Learned to collaborate in an academic and research setting
- Grade: 5.25

ETH Entrepreneur Club   Zurich, Switzerland
Launch by ETH Entrepreneur Club - Events Committee   January 2021 − December 2021
- Part of the core organization team at the event *Launch by ETH Entrepreneur Club*
- Lead of the main stage, contact with speakers and partners

Computer Science Student Association, VIS   Zurich, Switzerland
VIScon Organizer - Symposium Team   March 2019 − October 2020
- Part of a team working on organizing the symposium of ETH's computer science student association
- Contacting and coordinating the schedule with different speakers

TECHNICAL SKILLS
Programming Knowledge: Java, C/C++, Python, Haskell, SQL
IDEs, Frameworks and Libraries : VS Code, Eclipse, Xilinx Vivado, JUnit, Git, OpenCV, Django, Numpy, Pandas, Tensorflow, PyTorch, Keras, Scikit-Learn

LANGUAGES
Languages: English (bilingual proficiency), German (full professional proficiency), Swiss-German (understanding), French (native proficiency)