

Arthur CHANSEL

EPFL Master's

Swiss and French passports

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EDUCATION

- Since 2023 **EPFL, Lausanne (CH): M.Sc. Data Science**
Associative activities: Filmmaking Pole
- 2022-2023 KTH University, Stockholm (SE): B.Sc. Microengineering (exchange year)
- 2020-2022 EPFL, Lausanne (CH): B.Sc. Microengineering
Final grade: 5.00 / 6 (83.3%)
Associative activities: Student Mentor, Campus Radio, Improv Theater
- 2015-2019 High School Émilie Gourde, Geneva (CH): Maturité Gymnasiale

UNIVERSITY PROJECTS

- 2024 LLM for educational assistance: *Finetuning for answering academic MCQs, using DPO and Quantization methods*
- 2023 LLMs for Medical Diagnosis: *Comparative study of ML models and embeddings*
Heart Attack Prediction: *Classification, feature engineering for logistic regression*
Pivotal Movies: *Data analysis, Which movies created a trend in their genre?*

WORK EXPERIENCE

- 2021-2022 EPFL, Physics Teaching Assistant: *Tutoring a group of 1st year students*
- 2021.07 TotalEnergies, IT internship, Geneva (CH):
Python scripts migration, Powershell, Power BI
- 2019.11-12 Pictet Bank SA, internship, Geneva (CH): *Transaction reporting, Python scripts*

SKILLS

- Coding Python, Git, LaTeX, C++, C, SQL, R, MATLAB
Hugging Face, Pandas, Pytorch, scikit-learn, Numpy
- Software VS Code, MS Office, Final Cut Pro, Logic Pro X, FL Studio

EXTRACURRICULAR ACTIVITIES

- Filmmaking Winner of 48H film contests at university (2022 and 2024),
Script-writing team leader (2024),
Improv theater representations and teaching (2022)
- Music Produced albums: from writing to mixing, keyboard player
- Sports Surfing, tennis, volleyball, skiing, sailing
- Travels Humanitarian work in Nepal (2020): *Teaching English in an isolated school*

LANGUAGES

French: Native
English: C1

German: B1
Spanish: A1