Matthias WYSS

Swiss
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 linkedin | github | website

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SUMMARY

I am a 1st year Master student in Data Science at EPFL with a minor in Financial Engineering. I completed a 2-month internship at Adequasys as an artificial intelligence intern and currently work part-time alongside my studies in the Poseidon IT department at EPFL. My fields of interest are data science, financial engineering, programming, and mathematics.

EDUCATION

École Polytechnique Fédérale de Lausanne (EPFL)   *2024 - Now*

M.Sc. in Data Science with a Minor in Financial Engineering

École Polytechnique Fédérale de Lausanne (EPFL)   *2020 - 2024*

B.Sc. in Communication Systems

Lycée Louis Lachenal, Annecy France   *2017 - 2020*

French Scientific Baccalauréat with honours (*mention très bien*)

EXPERIENCE

Poseidon   *Sep. 2024 - Now*

Level 1 and 2 support in the Poseidon IT department at EPFL.
• Technical assistance to students and staff to resolve IT issues.
• Diagnosis and repair of computers, addressing both hardware and software aspects.

Adequasys   *Jul. 2024 - Aug. 2024*

Artificial Intelligence Intern
• Developed a Teams chatbot to simplify leave requests and provide information about employees. This project allowed me to explore the Azure ecosystem and tools such as Azure AI Studio, Azure OpenAI Studio, Copilot Studio, Power Platform, and Microsoft Entra ID.

École Polytechnique Fédérale de Lausanne (EPFL)   *Feb. 2024 - Jun. 2024*

Teaching Assistant - Artificial Intelligence
• Answered students' questions to clarify course concepts and guided them in solving exercises.
• Participated in grading assignments and exams, as well as monitoring tests.

École Polytechnique Fédérale de Lausanne (EPFL)   *Sep. 2022 - Dec. 2022*

Teaching Assistant - Mechanical Physics

VOLUNTEERING

AGEPoly   *Sep. 2022 - Jul. 2023*

Service Team Member
• Actively participated in EPFL's student association (AGEPoly), dedicated to student life on campus.
• Organized events for students, such as a book exchange and breakfast distributions during exam periods, to promote their well-being.

EPFL Coaching   *Sep. 2022 - Jul. 2023*

SC Coach

• Supported a group of about 15 first-year computer science students at EPFL.

SKILLS

Programming	Java	Python	Scala	C	SQL	VHDL	MIPS Assembly	HTML	CSS	LaTeX
Development	Programming paradigms	GIT	Rigorous methodology	Testing and Debugging
Frameworks & Libraries	Pandas	Numpy	PyTorch	Scikit-learn	Matplotlib	Scipy	Jupyter	JUnit
Cloud Platforms & AI Tools	Microsoft Entra ID	Azure AI Studio	Microsoft Copilot Studio
Qualities	Teamwork	Problem-solving	Attention to detail	Continuous learning
Languages	French (native)	English (B2)	Italian (A2)