

Adrian Sager La Ganga



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📍 Zurich, Switzerland

📅 06/11/1999

🌐 [linkedin.com/in/a-sager](https://www.linkedin.com/in/a-sager)

🔗 sager611.github.io/

🐙 github.com/Sager611

🧠 SKILLS

Python ● ● ● ● ●

C/C++ ● ● ● ● ●

AI ● ● ● ● ●

UI ● ● ● ● ●

🌐 LANGUAGES

English ● ● ● ● ●

Spanish ● ● ● ● ●

Italian ● ● ● ● ●

🎓 EDUCATION

Computational Science & Engineering EPFL

09/2020 – 02/2023

Lausanne, Switzerland

- Advanced Algorithms (6.00/6.00)
- Quantum molecular simulation (6.00/6.00)
- Information security and privacy

Computer Engineering

Polytechnic University of Turin

09/2020 – 02/2023 | Turin, Italy

💼 PROFESSIONAL EXPERIENCE

AI Medical

Tech Lead

01/2024 – present | Zurich, Switzerland

- Introduce and lead modern Agile methodologies, Jira, CI, code reviews, and project reviews
- Manage, teach and coach 4-person product team, and 3-person AI team
- Participate in strategy meetings, discuss how to prioritize features for next release, and program most critical features
- Take responsibility of software architecture design, introducing QA measures speeding development x10
- Design and carry out technical interviews, evaluating C++/UI/problem-solving skills for senior devs (20+ interviewed; 3 hired)

C++ | SwiftUI | Python | Tensorflow | Docker | SQL

IBM Research

Research Intern

08/2023 – 01/2024 | Zurich, Switzerland

- Explore hybrid GNN and transformer architectures for anomaly detection in financial transactions

Python | Pytorch | Weights & Biases

IBM Research

Master Thesis

09/2022 – 01/2023 | Zurich, Switzerland

- Train LMs with uncertainty quantification (UQ) to generate sustainable chemical reactions

Python | Pytorch

Beyond Gravity

System Engineer Intern

03/2022 – 09/2022 | Zurich, Switzerland

- Code features for rover simulation software for ESA's ExoMars mission (I was the only developer)
- Achieve x3.0 simulation speedup with SIMD/SSE, and better code structure
- Create realistic 3D visualization in a game engine

C++ | C# | Python

Dynatrace

Data Scientist Intern

03/2020 – 05/2020 | Linz, Austria

- Develop pipeline to translate the 7-person team's research into production

Python | Java

🏆 AWARDS

U.S. Provisional Patent | Top Team

European Innovation Academy

2019

- 3-week startup competition (~200 participants)