Adrian Sager La Ganga

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📞 +41 78 327 58 57

📍 Zurich, Switzerland

📅 06/11/1999

in 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 responsability 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)