

Leonard Wagner

Address: Loorenstrasse 74, 8053 Zürich * *Date of birth:* 26.11.2001

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Work Experience

Siemens

Cloud Engineer

May 2025 – present

Zug, Switzerland

- Developing and maintaining AWS cloud infrastructure for Siemens device connectivity
- Building reporting on large-scale data streams to surface key metrics for monitoring and insights
- Exploring machine learning approaches to detect malicious or faulty device behavior

Hyand

Fullstack Developer & Technical Lead

June 2021 – May 2025 (4 years)

Ratingen, Germany

- Technical Lead for an internal mobile app and contributor to multiple fullstack projects
- Built full microservice systems deployed on Azure with Kubernetes and GitLab CI/CD.

Education

Currently enrolled in - Master of Science

Computer Science

Major: Artificial Intelligence

University of Zürich

February 2025 - 2027

Bachelor of Science

Information Systems (Wirtschaftsinformatik)

Grade: 1,6 (Top 2,5%)

University of Duisburg Essen

October 2020 - May 2024

Semester abroad

Diploma Degree in International Economic Sciences

Aurora — European University Alliance

Average: 1,0

University of Innsbruck

October 2022 - March 2023

Bachelor Thesis / Bachelor Project / Relevant Projects

Bachelor Thesis

Topic: Learning Geometry-Adaptive Linear Transformations for Point Cloud Attribute Compression with Graph Neural Networks

Bachelor Project

Training of Autonomous Agents with Reinforcement Learning in Unity

CV Project

Implemented a complete visual odometry pipeline featuring robust frame-to-frame tracking and outlier rejection for consistent trajectory estimation.

RL Project

Investigated fixed and adaptive action persistence in Constrained-Action RL.

NLP Project

Developed a chatbot utilizing NLP for query resolution and information retrieval

Technical Skills

Machine Learning & Data

PyTorch, Tensor Flow, Scikit-learn, NLP, RL, Computer Vision

Programming Languages

Python, C++, Rustm, Java, Go, JavaScript, TypeScript, SQL, R, C#

Technologies & Tools

Docker, Kubernetes, Kafka, Git, GitLab CI/CD, AWS, Azure, SpringBoot, Quarkus, MQTT

Languages

German Mother Tongue

English C2 (TOEFL iBT 118/120)

Further Achievements

Andrew Ng ML Specialization

Completed Andrew Ng's Machine Learning Specialization (Coursera)

IIS Talents

Selected participant in IIS-Talents program at UDE