Hasan Atak

Website: https://hazn.com | 24.06.1996 | German | hasan@hazn.com | +41 78 214 20 99

EXPERIENCE

SAE Institute   Dec. 2024 – Present
Lecturer   *Zurich, Switzerland*
- Teaching students to develop intuition for AI-based workflows and automations
- Advising students on AI-focused thesis topics

Sanio   Nov. 2025 – Present
Founding Engineer (Stealth Startup)   *Zurich, Switzerland*
- Developing two iOS applications end-to-end

Eightsix Science Ltd   Aug. 2025 – Nov. 2025
Research Software Engineer   *London, United Kingdom*
- Applied AI models for high-fidelity reconstruction of neuronal cells
- Designed and implemented the machine learning pipeline from scratch

Liip AG   Jan. 2023 – Mar. 2025
Software Engineer   *Zurich, Switzerland*
- Maintaining and optimizing backend infrastructure for a leading Swiss job platform
- Implemented an LLM-based job search solution for Switzerland's largest employer

Prio Partners AG   Mar. 2022 – Jan. 2023
IT Specialist   *Zurich, Switzerland*
- Developed and maintained technology infrastructure for employees
- Redesigned the company website

University of Zurich   Sept. 2021 – Mar. 2022
Research Assistant at the Zurich People and Computing Lab   *Zurich, Switzerland*
- Developed a React application to recommend appropriate statistical tools for sampling
- Collaborated with a Ph.D. student on user-centered software design strategies

Sepia   Jul. 2021 – Sept. 2021
Founding Engineer   *Zurich, Switzerland*
- Prototyped an iOS and watchOS application for exchange markets
- Conceptualized a system for hierarchical non-fungible assets on the blockchain

adesso SE   May 2018 – Feb. 2021
Working Student   *Dortmund, Germany*
- Built an AI-based purchase prediction system achieving 83% accuracy
- Created a mobile phone application displaying real-time availability of parking spots

Hans-Boeckler-Foundation   June 2017 – Feb. 2020
Chair of Student Council and Funding Committee Member   *Dusseldorf, Germany*
- Elected into a student committee with a five-figure budget for funding workshops
- Facilitated and moderated weeklong Artificial Intelligence workshops
- Represented over 600 scholarship holders as Head of the Natural Sciences Student Council

University of Zurich
Master of Science in Artificial Intelligence

Feb. 2021 – Dec. 2024
Zurich, Switzerland

- – Master thesis: peopen - Automated drafting of Swiss popular initiatives through LLMs
  - * Grade: 5.5 (6 being the best, 1 being the worst)
- – Final grade: 5.1 (6 being the best, 1 being the worst)

University of Applied Sciences Dortmund
Bachelor of Science in Computer Science

Oct. 2016 – Sept. 2020
Dortmund, Germany

- – Bachelor thesis: VirtualWardrobe - A Multiplatform Computer Vision Application
  - * Grade: 1.0 (1 being the best, 5 being the worst)
- – Final grade: 1.8 (1 being the best, 5 being the worst)

California State University Fullerton
Exchange semester

Aug. 2018 – Jan. 2019
Fullerton, USA

- – Final grade: 3.5 (4 being the best, 1 being the worst)

Hans-Boeckler-Foundation
Scholarship from the second-largest scholarship foundation in Germany

Oct. 2016 – Feb. 2024
Dusseldorf, Germany

- – Granted financial aid for my B. Sc. and M. Sc. degrees

Gesamtschule Scharnhorst der Stadt Dortmund
A-Levels

Jul. 2013 – Jun. 2016
Dortmund, Germany

- – Elected Student Council President
- – Final grade: 1.5 (scale: 1 best, 6 worst)

ABOUT

Deeply curious software engineer, passionate about developing Fullstack applications with Applied Artificial Intelligence.

I'm propelled by optimism—I continuously seek superior tools, smarter practices, and clearer concepts to help shape a world that's both thoughtful and effective. I eagerly welcome fresh perspectives and new insights, always prioritizing growth and improvement.

Though deeply fascinated by cutting-edge technology and the potential it unlocks, I'm pragmatic about solutions, knowing when tried-and-true methods serve better. I'm committed to crafting interfaces that are snappy and intuitive, because transformative technology demands exceptional usability, whether for end-users or fellow engineers.

SKILLS

Programming Languages: Python, PHP, Swift, JavaScript/TypeScript, HTML/CSS, SQL, Nixlang

Technologies: React/React Native, Deno, TailwindCSS, GraphQL, Prisma, MySQL, SQLite, Supabase, PyTorch, fast.ai, Core ML, SwiftUI, Expo, DSPy, Drupal, DDEV, CloudFoundry

Tools: Docker, Git, Jujutsu, Vim, Visual Studio Code, Zed, XCode, Claude Code, Obsidian, Tuist, uv, Poetry, NixOS, Jupyter Notebook, Figma, Blender, Gitlab CI, Arize Phoenix, tmux

Languages: English, German and Turkish