

HASAN ATAK

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EXPERIENCE

SAE Institute <i>Lecturer</i>	Dec. 2024 – Present Zurich, Switzerland
– Teaching students to develop intuition for AI-based workflows and automations – Advising students on AI-focused thesis topics	
Liip AG <i>Software Engineer</i>	Jan. 2023 – Mar. 2025 Zurich, Switzerland
– Maintaining and optimizing backend infrastructure for a leading Swiss job platform – Implemented a Vector-based job semantic search solution for Switzerland's largest employer	
Prio Partners AG <i>IT Specialist</i>	Mar. 2022 – Jan. 2023 Zurich, Switzerland
– Developed and maintained technology infrastructure for employees – Redesigned the company website	
University of Zurich <i>Research Assistant at the Zurich People and Computing Lab</i>	Sept. 2021 – Mar. 2022 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 <i>Founding Engineer</i>	Jul. 2021 – Sept. 2021 Zurich, Switzerland
– Prototyped an iOS and watchOS application for exchange markets – Conceptualized a system for hierarchical non-fungible assets on the blockchain	
adesso SE <i>Working student</i>	May 2018 – Feb. 2021 Dortmund, Germany
– Built an AI-based purchase prediction system achieving 83% accuracy – Created a mobile phone application displaying real-time availability of parking spots	

EDUCATION

University of Zurich <i>Master of Science in Artificial Intelligence</i>	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 <i>Bachelor of Science in Computer Science</i>	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 <i>Exchange semester</i>	Aug. 2018 – Jan. 2019 Fullerton, USA
– Final grade: 3.5 (4 being the best, 1 being the worst)	
Hans-Boeckler-Foundation <i>Scholarship from the second-largest scholarship foundation in Germany</i>	Oct. 2016 – Feb. 2024 Dusseldorf, Germany
– Elected for multiple council positions within the foundation	

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ABOUT

Twenty-something 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, intuitive, and responsive—because transformative technology demands exceptional usability, whether for end-users or fellow engineers.

SKILLS

Programming Languages: Python, PHP, Swift, TypeScript, HTML/CSS, SQL, Nixlang, L^AT_EX

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

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

Languages: English, German and Turkish