Ben Tischberger

Tübingen, Germany

+49 (0)172 6055703
ben.tischberger@gmx.de
github.com/Kyotoo-chan

Education

10/2026 – present	**M.Sc. Computer Science** University of Tübingen
10/2022 – 09/2026	**B.Sc. Computer Science** University of Tübingen
2013 – 2021	**Abitur** Gottlieb-Daimler-Gymnasium, Stuttgart Peer mediator.

Work Experience

03/2025 – present	**Part Time Software Developer, Machine Interfaces** Paul Horn GmbH, Digital Solutions, Tübingen • **FileAgent:** Developed a Python service for machine backups and measurement data transfers, deployed across production in three countries. • **DncAppV2:** Developed an OPC UA service for four CNC control types, now running on all relevant US machines, with Germany following. • **Drawing OCR:** Developed a local OCR service for technical drawings after benchmarking OCR engines and vision models. • **Machine Upload:** Built file distribution to up to 20 machines in parallel, including scheduling, conflict handling and FileAgent integration.
2023 – 2025	**Tutor, Computer Science** University of Tübingen • Supported students in programming exercises and reviewed weekly assignments over three semesters.
2021 – 2022	**Voluntary Social Year** District Town Hall, Stuttgart-Bad Cannstatt • Supported the Youth Council, documented meetings and helped organize local events.

Selected Projects

2026	**BoardBench, Bachelor's Thesis** [GitHub] Evaluated coding agents generating Python game environments from board game rulebooks, using technical tests, rule scenarios and independent LLM reviews.
2026	**Lilith, Personal Prototype** [GitHub] Developed an experimental chat and agent prototype exploring memory and tool use. Currently on hold.
2025 – 2026	**StudyPlanner, Course Project** [GitHub] Developed a semester planner with my team in Prof. Peter Gehler's StudyOS course at the University of Tübingen. Includes transcript import and AI integrations.

Additional Experience

2019 – 2023	**Hospitality and Event Catering** Positions at Aramark, the Stuttgart Spring Festival and Neckarmüller Tübingen.
2019 – 2020	**Sports Coaching** Volleyball school coach and table tennis trainer (D level).

Skills and Languages

Programming languages	Python, Java
Tools and systems	OPC UA, Windows services, REST APIs, Docker
Areas of interest	LLM agents, evaluation, machine learning, reinforcement learning, software engineering
Languages	German (native), English (C1, TOEFL iBT 2026)