Artjom Becker

Software Engineer & CS Student at TU Darmstadt

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Education

Technical University of Darmstadt (TU Darmstadt) — Darmstadt, Germany
B.Sc. in Computer Science (Informatik) — *Oct 2023 – Present*
- **Focus**: Software Engineering, Distributed Systems, Cloud Architecture & Telecooperation.

Goethe University Frankfurt — Frankfurt am Main, Germany
Studies in Computer Science — *Oct 2021 – Sep 2023*
- Foundations of theoretical computer science, algorithms and data structures, linear algebra, and discrete mathematics.

Gymnasium / High School — Hessen, Germany
Abitur (General Higher Education Entrance Qualification) — *Graduated 2021*

Experience & Academic Leadership

Technical University of Darmstadt — Darmstadt, Germany
Lead Teaching Assistant & Agile Project Coordinator (HiWi TPSE) — *Dec 2026 – Present*
- Lead coordinator in the TPSE Agile Software Engineering Practicum, mentoring 15+ student team leads and overseeing 100+ software developers.
- Facilitated sprint plannings, milestone retrospectives, architectural design reviews, and resolved cross-team blockers.

Kinopolis — Hessen, Germany
Cinema Service Associate — *Apr 2026 – Present*
- Front-of-house guest service, high-volume ticket admission, confectionery sales, and cash register operations during peak screening hours.
- **Voluntary Initiative**: Conceived and engineered the *Kinopolis Automation Suite* on own initiative – a macOS operational desktop client with instant QR verification and local offline seat caching.

Exinpa — Germany
Working Student (Werkstudent) — *Aug 2025 – Jan 2026*
- Developed educational modules and prepared academic seminar presentations bridging Computer Science and Psychology.

Retail & Gastronomy (Aramark, Rewe, dm) — Frankfurt & Darmstadt, Germany
Customer Service & Logistics Associate — *Sep 2019 – 2025*
- High-stress customer-facing service, POS transactions, inventory management, and fast-paced team coordination.

Volunteering & Community

Student Residence Hall Darmstadt (Wohnheim) — Darmstadt, Germany
Network Tutor (Netztutor) — *Dec 2026 – Present*
- Administered residential network infrastructure; provided 1st-level technical support, Ethernet/Wi-Fi onboarding, and network troubleshooting for over 200 resident students.

SG Bornheim — Frankfurt am Main, Germany
Assistant Gymnastics Coach (Assistenztrainer Turnen) — *Nov 2025 – Mar 2026*
- Supervised and coached youth gymnastics sessions, guided motor skills development, and maintained strict safety standards.

Featured Projects

Architect of Mind | *Unity 3D, C#, Blender, Interactive Systems* — 2026
- Interactive 3D application developed at TU Darmstadt translating cognitive behavioral restructuring into physical architectural puzzles, with full user research and an empirical evaluation study.

Kinopolis Automation Suite | *macOS, TypeScript, SQLite, Web APIs (Independent Initiative)* — 2026
- Independently engineered operations dashboard featuring sub-100ms QR ticket validation, dynamic hall seat maps, and offline fallback sync to streamline theater turnover.

Technical Skills

Languages: Java, C#, Python, TypeScript, JavaScript, SQL, HTML5, CSS3, C/C++ (Basics)
Engines & Frameworks: Unity 3D, React, Next.js, Node.js, Cloudflare Workers / Edge Runtime, Docker, Git/GitHub
Methods & Concepts: Agile Frameworks (Scrum, Kanban, TPSE Team Lead), Software Architecture, Distributed Systems, CI/CD, UI/UX
Spoken Languages: German (Native), Russian (Native), English (Fluent / C1), French (Intermediate / B1)