

Tony Meißner

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EDUCATION

Baden-Wuerttemberg Cooperative State University (DHBW)

Bachelor of Science in Computer Science

Grade: 1,9

Stuttgart, BW

Oct. 2022 – Sep. 2025

Chung Ang University

Semester Abroad with focus on Computer Science

GPA: 3,90

Seoul, Gyeonggi

Mar. 2024 – Jun. 2024

Professional Secondary School Centre for Electrical Engineering

General university entrance certificate (Abitur) with dual vocational education

Grade: 2,3

Dresden, SN

Aug. 2017 – Jul. 2021

EXPERIENCE

Corporate Student - in Computer Science

Mercedes-Benz Tech Innovation

Stuttgart, BW

Sep. 2022 – Present

- Completed various internships in API Engineering, Cloud Computing Security, Dynamics Programming in Databricks, and Demand Forecasts in Palantir Foundry. During these internships, I gained hands-on experience with Microsoft Azure (including Azure Functions, Azure AD, Azure Databricks), Palantir Foundry, Python, and various machine learning and forecasting techniques.

Work & Travel

Farm Work

USA, Australia

Oct. 2021 – Aug. 2022

- Gained international work experience, developing adaptability and cross-cultural communication skills.

Apprenticeship - IT Specialist/Software Development

Timeline Financials GmbH & Co. KG

Dresden, SN

Aug. 2018 – Sep. 2021

- Developed REST APIs for Timeline financial and payroll accounting using ASP.NET Core, MVCS architecture, JWT, and SQL, and implemented security measures like authentication and authorization. I ensured efficient SQL statements and seamless system integration. I contributed to customer projects by programming Powerscript and .Net extensions for machine connections, print services, and List & Label printouts.

Summer internship

Infineon Technologies AG

Dresden, SN

Aug. 2017 – Aug. 2017

- Internship during summer break; participated in workshops on wafer production and semiconductor technology.

LEADING EXPERIENCE

Product Owner – Financial Accounting System Backend

Timeline Financials GmbH & Co. KG

Dresden, SN

Jan. 2021 – Sep. 2021

- Managed the development of a new version of the financial and payroll accounting systems backend. Coordinated with cross-functional teams, gathering requirements and aligning technical and business objectives. Acted as the product owner, ensuring project milestones and quality standards were met.

Product Owner – InterConnect Internal Project

Mercedes-Benz Tech Innovation

Stuttgart, BW

Feb. 2023 – Present

- Oversee the InterConnect project, an internal initiative aimed at enhancing team collaboration and project structure. Manage on-site meetings, coordinate with team members, and structure the project roadmap. Ensure effective communication between stakeholders and team members to drive project success.

PROJECTS

- Tree Disk Analyzer** | [GitHub](#) | [Website](#) Mar. 2025
- Engineered a complete pipeline for tree disk image analysis. Trained two YOLOv11 models to detect tree disks and the pith. Distributed Python modules via PyPi and exposed functionalities with FAST API. Developed the mobile frontend using React Native, Expo, and NativeWind; deployed with Docker and CI/CD.
- Portfolio Website** | [Website](#) Mar. 2025
- Designed a personal portfolio with Figma. Implemented using TypeScript, React, and Next.js for server-side rendering, with interactive 3D animations via Three.js. Styled with Tailwind CSS, ShadCN, and extended Framer Motion. Deployed on Coolify using Docker and CI/CD.
- Paddock Monitoring** | [GitHub](#) | [Website](#) Nov. 2024
- Implemented an IoT paddock monitoring solution using ESP32 microcontrollers for sensor data collection, transmitted via an Express API. Programmed with PlatformIO and C++; developed the mobile application using React Native and Expo. Secured data in PostgreSQL with Prisma ORM and deployed with Docker and CI/CD.
- Movie Actor Ranking** | [GitHub](#) | [Website](#) Jun. 2024
- Developed an actor performance ranking system using movie dialogues from IMSDb and IMDb. Leveraged Python for web scraping (BeautifulSoup, Selenium) and implemented a vector space model. Deployed a React, TypeScript, Next.js frontend and a FAST API backend on Azure with Docker and CI/CD.
- Cancel Culture Impact** | [GitHub](#) Jun. 2024
- Analyzed the societal impact of cancel culture on public figures using Python. Aggregated data via APIs and web scraping (BeautifulSoup, Selenium); performed AI-driven sentiment analysis and visualized results with Matplotlib and Seaborn. Integrated a self-hosted LibreTranslate API for translation.
- Information Retrieval System** | [GitHub](#) | [Website](#) Apr. 2024
- Engineered a custom newspaper article retrieval system akin to Google Search. Developed using advanced NLP techniques in Python, with a backend FAST API and Next.js frontend hosted on Azure via Docker and CI/CD.
- Library Management System** | [GitHub](#) | [Website](#) Sep. 2023
- Developed a library management system for cataloging books and authors using TypeScript, React, and Next.js. Integrated custom authentication with NextAuth, styled with NextUI and Tailwind CSS, and managed data with PostgreSQL and Prisma ORM. Deployed on Azure using Docker and CI/CD.
- Sim Tuning** | [GitHub](#) Oct. 2021
- Developed advanced tuning software for Simson mopeds using C# with .NET MAUI. Utilized Entity Framework, spectrogram analysis, and AI-based clustering. Published on Google Play with platform-specific code for Android and iOS.
- Lap Timer** | [GitHub](#) Jun. 2021
- Developed a GPS tracking application for route mapping using C# with .NET MAUI. Utilized Entity Framework with SQLite for data persistence and optimized for real-time performance.
- Lib Builder** | [GitHub](#) Jun. 2021
- Created a Windows WPF application in C# to automate library object generation. Integrated ORCA Scripts from Appeon PowerBuilder and automated library creation using PowerScript. Employed Material Design in XAML and the MVVM pattern.

TECHNICAL SKILLS

Languages: Python, C#, TypeScript, C++, Java, C

Developer Tools: Git, Docker, VS Code, Terminal, CI/CD, Linux, Azure, Figma, Adobe Photoshop, Adobe Lightroom, Adobe Premiere Pro

Libraries/Frameworks: React, Next.js, NextAuth, Vue.js, Prisma, Drizzle, PostgreSQL, Express, NestJS, FastAPI, Flask, Spring Boot, LibreTranslate, Three.js, .NET MAUI, Entity Framework