

Max Sandmann
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EDUCATION

- **Technische Hochschule Nürnberg** Nuremberg, Bavaria
Bachelor of Science in Computer Science; current Grade: 1.69 (German Grade) Sep. 2020 – exp. Mar. 2024
- **ProLeiT & IHK Nürnberg** Herzogenaurach & Nuremberg, Bavaria
Apprenticeship as IT Specialist for Application Development Sep. 2019 – exp. Jan. 2023
- **Gymnasium Scheinfeld** Scheinfeld, Bavaria
German A-Levels Jun. 2019

EXPERIENCE

- **ProLeiT** Herzogenaurach, Bavaria
Dual Student Computer Science Sep. 2019 - Present
 - **ProZubi**: ProZubi is a application for documenting and managing the apprenticeship at the company which is used by around 500 employees and significantly improved the workflow of creating reports and managing the trainees.
 - **Plant automation**: Developed multiple plant automation solutions, created visualisations and helped in many customer projects for automating production plants like breweries and dairies.
 - **Energy optimized production planning**: Created an application for planning and monitoring the energy usage of production plants and therefore helping to reduce peak loads.

PROJECTS

- **CowVation**: Smartphone app for cattle management.
- **dropitnft**: Web app and server architecture for creating NFT collections.
- **rustibal**: 3D rendering engine written in Rust.

PROGRAMMING SKILLS

- **Languages**: C#, Rust, TypeScript, SQL, Python
- **Technologies**: AWS, Docker, React, Redis, ASP.NET, WPF