MITLÄNDER Lutz

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Personal Profile

A Bachelor's student at the Nuremberg Institute of Technology currently enrolled in the Computer Science course. Eager for knowledge and a better understanding of software engineering after my 3 1/2 year apprenticeship as a "Computer Science Expert" in the german dual system. Looking for the next step in my personal career to grow my skills as part of an internship.

Work Experience

Schmitt + Sohn Elevators   **Nuremberg, Germany**
Software Engineer (Full-time (8 Months) and working student)   Feb 2021 - Current
- Coordination and Development of the in-house eInvoicing solution, increasing efficiency by reducing working time spent per invoice by ~30s by automating the creation and sending of documents in PDF/A3 as well as in XML formats (XRechnung based on UBL, ebInterface, etc.)
- Led the planning and development of a new module adding customizable automatic and custom surcharge options for elevator lines in quotes and orders, decreasing error likelihood as well as saving 5 minutes of work per option
- Experience in international projects with the portugese branch company and SQL Data Migrations
- Creation, development, and enhancement of database structures to solve corresponding problems as well as implementing program logic, resulting in optimized workflows and increased productivity

Schmitt + Sohn Elevators   **Nuremberg, Germany**
Apprentice Computer Science Expert in Software Development   Sep 2018 - Feb 2021
- In a 6-month final project the eInvoicing solution was implemented, which included getting to know the users, planning resources, and writing a mandatory 20+ Page specification with cost analysis. Finals Score of 85/100
- Mainly responsible for the in-house elevator creation assistant with automatic CAD output and cost/profit calculation
- RDLC Reporting for complex datasets to present data in a user-readable and comfortable way

Education

Nuremberg Institute of Technology   **Nuremberg, Germany**
B.Sc. in Computer Science   Oct 2021 - Current
- Expected to graduate in early 2025, Current Grade Average: 2.33 (German) / 15 (French)
- Projects on C# Desktop- and Backend-Programming, Classes on Algorithms and Theoretical concepts of Computer Science
- Prospective focus on Machine learning (Python) with first modules before the start of the internship

Martin Segitz Schule (Vocational School)   **Fürth, Germany**
Apprenticeship as Computer Science Expert in Software Development   Sep 2018 - Feb 2021
- Grade Average: 1.6 (German) / 17 (French)
- Theoretical part of the apprenticeship, basics in all facets of theoretical and practical computer science, specializing in software development

Ludwig Erhard Schule   **Fürth, Germany**
High School   Sep 2018 - Feb 2021
- Grade Average: 1.7 (Germany) / 16 (French)
- Voluntary evening high school, Drive for knowledge to finish high school degree at the same time as the full-time apprenticeship

Private Projects

eCommerce Website built with ASP.NET Core MVC and Bootstrap
Freetime Learning Project
- Learning project to get started with ASP.NET and Bootstrap and further my knowledge of C# and related Frameworks
- Integrating Authentication (including google authentication), Stripe Payments, Email Notifications and more
- Studying and implementing the MVC Design Pattern as well as the development of API and Web-Applications with ASP.NET, Razor and Bootstrap

Skills

Languages	German (native), English (fluent)
Programming	C# (ASP.NET, WPF, etc.), SQL, Python, C/AL, Basics of HTML, and CSS with Bootstrap
Miscellaneous	Git, Linux, Docker, SCRUM, MVC, XML/JSON, Databases (MSSQL, MySQL), Microsoft Office
Soft Skills	Problem-solving, creativity, time management, conflict solving, communication skill, customer/user-oriented design