

Tobias Lindenbauer

COMPUTER SCIENCE STUDENT

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Education

Technical University of Munich

COMPUTER SCIENCE, B.Sc.

Munich, Germany

Sep. 2019 - present (exp. Mar. 2023)

- GPA: 3.67 (on German scale: 2.0)
- Placing 11th out of over 800 students in an assembly optimization contest held as part of the computer architecture lab

Technical University of Munich

PHYSICS, B.Sc.

Munich, Germany

Sep. 2018 - Aug. 2019

HTL Wels - Computer science

MATURA

Wels, Austria

Sep. 2012 - Jun. 2017

- 3D-modelling parts of our school in Blender and implementing a virtual reality tour through the school using Unreal Engine 4 and Oculus Rift as part of the school leaving project by my colleague and I
- The project is now used to promote the school at job and education fairs

Experience

Adesso SE

WORKING STUDENT AS FULLSTACK SOFTWARE DEVELOPER

Munich, Germany

Oct. 2020 - Aug. 2021

- Frontend E2E testing using Cypress
- Authoring JUnit5 and JestJS tests
- Creating a Docker image of a rapid development framework for cloud-based development with MSSQL
- Developing a Spring boot application for the project backend using Java
- Authoring and maintaining documentation and wikis

Coil Innovation

FULLSTACK SOFTWARE DEVELOPER

Eferding, Austria

Jun. 2018 - Aug. 2018

- Developing a web application based on project backlog items, for a custom company-internal ERP system using CakePHP, Redux and ReactJs
- Reacting to customer feedback and formulating user stories for the project backlog
- Maintaining and expanding a MySQL database as well as developing efficient SQL queries

Kindergarten Eferding

CIVILIAN SERVICE (COMPULSORY MILITARY SERVICE)

Eferding, Austria

Sep. 2017 - May. 2018

- Supporting disadvantaged children in their day to day routine
- Teaching basic English to children in a playful manner
- Performing maintenance tasks throughout the kindergarten facilities

INTERNSHIPS

eww AG

SOFTWARE DEVELOPMENT AND SYSTEM ADMINISTRATION INTERN

Wels, Austria

Aug. 2017

- Automating the generation and styling of multiple large Excel sheets in Java
- Assisting with system administration duties (supporting employees, maintaining computer equipment)

Energie AG

POWER GRID MAINTAINANCE INTERN

Haid, Austria

Aug. 2016

- Maintaining a GIS for the Upper Austrian energy grid
- Supporting employees in maintaining the Upper Austrian energy grid

Kapsch BusinessCom

NETWORK INFRASTRUCTURE INTERN

Linz, Austria

Aug. 2014

- Installing network components at the customer's facilities and putting them into service

Zaunergroup Anlagentechnik

SYSTEM ADMINISTRATION INTERN

Wallern, Austria

Aug. 2013

- Creating a promotional leaflet in inDesign
- Supporting employees facing problems with their computers in the field
- Maintaining computer equipment and getting computers ready for the field (construction sites)

Extracurricular activities

Olynet

CTO & MEMBER

- Providing IT-support for students living in the dormitory "Olympisches Dorf"
- Configuring, selling and delivering routers
- Initiating, leading and managing the project "OlyApp", a smartphone application designed to improve the life of students living in the dormitory "Olympisches Dorf", utilizing Scrum techniques
- Planning, coordinating and hosting of meetings
- Initiating a project to start utilizing a knowledge base platform, in order to avoid knowledge loss
- Facilitating creation of an awareness position within the organization, as a preventative measure for internal conflicts

Munich, Germany

Oct. 2021 - present

TUMdev

MEMBER & SOFTWARE DEVELOPER

- Further developing the Android version of the "TUM Campus App" in Kotlin
- Migrating one of the oldest components (the cafeteria component) to an entirely new API

Munich, Germany

Oct. 2021 - present

Students For Future - Munich

ACTIVIST

- Maintaining organization website
- Developing and hosting a strategy workshop
- Performing internal planning and coordination tasks
- Assisting with public affairs

Munich, Germany

Oct. 2020 - present

FSMPI

STUDENT REPRESENTATIVE

- Participated in quality assurance meetings for the teaching quality with other students, faculty staff and the dean
- Facilitated exchange between students and faculty staff

Munich, Germany

Oct. 2018 - Mar. 2019

Skills

DevOps Docker, Git, Web Hosting, Linux, Windows, Android

Back-end REST API, MySQL, SQL, MongoDB

Front-end HTML5, CSS3, LaTeX, Jekyll

Testing E2E, Cypress, JUnit, JestJs

Programming Java, Javascript, C, Kotlin

Mathematics Regression analysis, Statistical computing

Languages

German Native, C2

English Fluent, C1-C2

French Beginner, A2