Manuel M. **Huber**

+49 151 68105285 | mail@manuel-huber.de | www.manuel-huber.de | manuelhuber | ManuelH

Education

University of Applied Science Rosenheim *Rosenheim, Germany*

M.S. in Computer Science and Engineering *Mar. 2017 - PRESENT*

- Current German Grade: 1.7 (approximate GPA: 3.3), expected graduation: February 2019
- Relevant coursework: Software Quality Assurance, Functional Programming, Machine Learning, Sequence Learning, Reactive Programming, Software Architecture
- Runner-Up in "Business Plans for Start-Ups" contest awarded a 1,000€ cash price

University of Applied Science Rosenheim *Rosenheim, Germany*

B.S. in Computer Science and Engineering *Oct. 2013 - Mar. 2017*

- Final German Grade: 1.5 (approximate GPA: 3.5)
- Relevant coursework: Algorithms and Datastructures, Software Engineering, Distributed Computing, Web Technologies, Web Services, Agile Software Development
- Bachelor Thesis: QAsearch - a cloud native java application for full text search in versioned documents with Solr

Experience

Speech Analysis Team, Intel *Munich, Germany*

Working Student - Machine Learning Researcher - Python *July 2018 - PRESENT*

- Created a tool used to simulate over 4,000 hours of 3D audio training data
- Currently working on a POC for online speaker diarization

BMW MDE-Toolchain, MaibornWolff *Munich, Germany*

Working Student - Frontend Developer - TypeScript, Angular *May 2017 - June 2018*

- Increased deployment frequency from once a week to multiple times a day by setting up a CI pipeline with GitLab & Docker
- Help product owner define product vision by developing rapid UI prototypes
- Reduced response time of site from over 600ms to under 50ms by debugging & fixing a performance issue

Aline, University of Applied Science Rosenheim *Rosenheim, Germany*

Course Project - Backend Developer - Java, Spring Boot *Sep. 2016 - Mar. 2017*

- Built an education management tool currently in production at a company of 300+ employees
- Shipped the MVP on time by organizing the agile process for a team of four
- Designed, developed, tested & documented a RESTful web service

BMW Connected Drive Portal, QAware *Munich, Germany*

Working Student - Frontend Developer - TypeScript, AngularJs *Oct. 2015 - Mar. 2017*

- Built a web app for BMW customers in over 20 markets worldwide in an agile team of 11
- Developed, maintained & tested complex Angular UI components
- Added static code analysis to our CI pipeline by modifying a Sonarqube plugin
- Consulted the product owner on technical & business aspects of existing & planned product features

Extracurricular Activity

"Distributed computing" lecture, University of Applied Science Rosenheim *Rosenheim, Germany*

Teaching Assistant *Mar. 2018 - Oct. 2018*

- Helped students understand the basics of distributed computing including queues and REST
- Reviewed code and gave constructive feedback on improving code quality and architecture

FostR student club *Rosenheim, Germany*

Founder, President *May. 2014 - PRESENT*

- Founded & managed a club for (former) IT students to improve their skills through real work experience
- Acquired IT companies as business partners / employers