Manuel M. **Huber**

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Education

University of Applied Science Rosenheim *Rosenheim, Germany*

M.S. IN COMPUTER SCIENCE *Mar. 2017 - PRESENT*

- Current German Grade: 1.7 (approximate GPA: 3.3)
- Relevant coursework: Functional Programming, Software Quality Assurance, Machine Learning, Sequence Learning, Reactive Programming, Software Architecture
- Runner-Up in "Business Plans for Start-Ups" contest awarded a 1000€ cash price

University of Applied Science Rosenheim *Rosenheim, Germany*

B.S. IN COMPUTER SCIENCE *Oct. 2013 - Mar. 2017*

- Final German Grade: 1.5 (approximate GPA: 3.5)
- Relevant coursework: Software Engineering, Distributed Computing, Web Technologies, Web Services, Agile Software Development
- Bachelor Thesis: QAsearch - a cloud native 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
- Worked on a POC for online speaker diarization

BMW MDE Toolchain, MaibornWolff GmbH *Munich, Germany*

WORKING STUDENT - FRONTEND DEVELOPER - TYPESCRIPT, SASS, ANGULAR *May 2017 - June 2018*

- Setup a CI pipeline with GitLab & Docker, increasing deployment frequency from once a week to multiple times a day
- Created & user-tested paper mock-ups as part of the UX team
- Developed rapid UI prototypes to help product owner define product vision
- Identified & fixed a performance issue reducing response time of site from over 600ms to under 50ms

Aline, MaibornWolff GmbH *Munich, Germany*

STUDENT PROJECT - BACKEND DEVELOPER - JAVA, SPRING BOOT *Sep. 2016 - Mar. 2017*

- Organized the agile process for a team of four people managing to ship the MVP on time
- Gathered requirements through user interviews & user story map
- Designed, developed, tested & documented a RESTful web service

BMW Connected Drive Portal, QAware GmbH *Munich, Germany*

WORKING STUDENT - FRONTEND DEVELOPER - TYPESCRIPT, LESS, ANGULARJS *Oct. 2015 - Mar. 2017*

- Worked in an agile team of 11 to deliver a SPA to consumers in over 20 markets worldwide
- Developed, maintained & tested complex Angular UI components
- Modified a Sonarqube plugin to add code style analysis to our CI pipeline
- Consulted the customer 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 a club for (former) IT students to improve their skills through real work experience
- Acquired IT companies as business partners / employers