

Manuel Huber

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Experience

Speech Analysis Team @ Intel Corporation

Munich, Germany

MACHINE LEARNING ENGINEER - PYTHON, KERAS

07/2018 - PRESENT

- Working on a PoC for online speaker diarization based on bidirectional LSTM neural networks using Triplet Loss training
- Created a tool used to simulate over 4,000 hours of 3D audio training data

BMW MDE-Toolchain @ MaibornWolff

Munich, Germany

SOFTWARE ENGINEER - TYPESCRIPT, ANGULAR

05/2017 - 06/2018

- Increased deployment frequency from once a week to multiple times a day by setting up a CI pipeline
- Reduced response time of web app from over 600ms to under 50ms by debugging & fixing a performance issue

BMW Connected Drive Portal @ QAware

Munich, Germany

SOFTWARE ENGINEER - TYPESCRIPT, ANGULARJS, JAVA, SPRING

10/2015 - 03/2017

- Built and deployed a web app to BMW customers in over 25 markets worldwide with an agile team of 11
- Developed & tested over 35 complex Angular UI components compatible with browsers down to IE9

Projects

QAsrch @ QAware

Munich, Germany

BACHELOR THESIS - SOFTWARE ARCHITECT - JAVA, JEE7, SOLR, TYPESCRIPT, ANGULAR

11/2016 - 04/2017

- Built a search application for full-text search in versioned (SVN & Git) Word & PDF documents and their previous revisions
- Designed and implemented a pattern to develop and run cloud native microservice applications locally with a *monolith first* approach

Aline @ MaibornWolff

Rosenheim, Germany

COURSE PROJECT - SCRUM MASTER & SOFTWARE ARCHITECT - JAVA, SPRING BOOT, JAVASCRIPT, LESS, REACT

06/2016 - 02/2017

- Built an education management tool currently in production at a local tech company of over 300 employees
- Shipped the MVP on time & budget by organizing the agile process for a team of four

Skills

Programming TypeScript, Java, HTML, LESS/Sass/CSS, Python, Kotlin, C#

Tools & Technologies IntelliJ, Git, NPM, Maven/Gradle, Upsource, Swagger, Bash, Jira, GitLab CI, Docker, Unity, Android

Skills code reviews, agile development, pair programming, UX engineering, requirements engineering

Education

University of Applied Science Rosenheim

Rosenheim, Germany

M.SC. IN COMPUTER SCIENCE - GPA: 3.3 (EQUIV.)

03/2017 - 03/2019

University of Applied Science Rosenheim

Rosenheim, Germany

B.SC. IN COMPUTER SCIENCE - GPA: 3.5 (EQUIV.)

10/2013 - 03/2017

Extracurricular Activity

"Distributed Computing" lecture @ University of Applied Science Rosenheim

Rosenheim, Germany

TEACHING ASSISTANT & TUTOR

03/2018 - 10/2018

- Taught students about clean code, coding best practices, domain driven design, threads, queues and REST
- Reviewed code and gave constructive feedback on improving code quality and architecture