

## Work Experience

### ALDI International Services **Corporate Student**

Oct. 2016 - Oct. 2019 Mülheim a.d. Ruhr, Germany

- Developed an style and grammar checker with an integrated REST API to improve the quality of english documents. Used React for Frontend and Express+MongoDB for Backend.
- Performed and written multiple test cases as part of being on the quality assurance team.
- Build various Office Add-ins to support and improve current processes of requirements elicitation and project planning.

## Projects

### Corporate State University **Audio3D 3 People**



Oct. 2018 - Apr. 2019 Mannheim, Germany

- Developed a web based test environment for experimenting with 3D audio.
- Evaluated Web Audio API, BinauralFIR and Resonance Audio for the generation of three-dimensional audio.
- The test environment was build as a PWA using react and three.js.

### Corporate State University **Eve 5 People**



Feb. 2018 - Apr. 2018 Mannheim, Germany

- Developed a chatbot implementing NMT in python using tensorflow
- Generated training data through exporting and refining WhatsApp chats
- The chatbot was integrated in a Go-Webserver using WebSockets

### Corporate State University **Text2Music 5 People**



Aug. 2017 - Nov. 2017 Mannheim, Germany

- Developed a java CLI to generate music based on the text from an article
- Implemented a semantic analysis off the text as a basis for the music generation

### Solo Project **Watchlist**



Aug. 2017 - Nov. 2017 Mannheim, Germany

- Developed and published an android app written in Kotlin to Organise and explore new movies

### School Project **Pineapple 3 People**



Oct. 2015 - Oct. 2016 Mönchengladbach, Germany

- Developed an mobile app (Android,iOS) to improve student workflows and organisation
- Created wireframes and prototypes as well as meeting with all stakeholders (parents, teachers, students, lawyers)

## Education

### Corporate State University (DHBW)

Oct. 2016 - Oct. 2019

Mannheim, Germany

### **Bsc. Applied Computer Science**

## Skills

Java & Kotlin

React

JavaScript

HTML & CSS

ReactNative

MongoDB

Natural Language Processing

## Tools

Visual Studio Code

Android Studio

Docker

CircleCI/Azure DevOps

Terminal

AdobeXD & Adobe InDesign

## Awards

### Jugend Forscht

June 2016 Paderborn, Germany

### **Best interdisciplinary work**

Presented the mobile app pineapple and scored Rank 7 out of 1600 projects.