

# Leon Arne Noel Erath



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## Work Experience

### ALDI International Services GmbH & Co ohG

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

#### Corporate Student

- Developed an .NET Application to improve software specification quality through analyzing natural language requirements using computational linguistics.
- Performed and Evaluated software testing best practices which are used at ALDI SÜD.
- Participated in a mentoring program for new corporate students

### Customs Office

Oct. 2014  
Krefeld, Germany

#### Intern

- Organized an local Event
- Got to know the IT

## Projects

### DHBW Mannheim

Feb. 2018 - April 2018  
Mannheim, Germany

#### EVE - Bot's going on? • 5 People



- Developed an AI which simulates a dating partner through chat communication by using Python for machine learning and Go for the Webserver

### Hackastory

March 2018  
Heidelberg, Germany

#### KIM - Easy to understand Articles • 5 People



- Prototyped an articles app for mentally challenged people by designing an easy to understand UI

### DHBW Mannheim

Aug. 2017 - Nov. 2018  
Mannheim, Germany

#### Text2Music • 5 People



- Develop an Java CLI to generate music based on text from an article
- Included semantic analysis of the text
- Extended the CLI by an dockerized express backend

### DHBW Mannheim

Aug. 2017 - Nov. 2018  
Mannheim, Germany

#### Watchlist



- Published an android app written in Kotlin to organize and explore movies

### BMS

Oct. 2015 - Oct. 2016  
Mönchengladbach, Germany

#### Pineapple • 3 People



- Developed an Android and iOS App to improve students workflows and organisation.
- Mainly focused on UX-Design, data protection and conception.

### BMS

2015 - 2016  
Mönchengladbach, Germany

#### Server Administration

- Build & administrated a linux server system for school purposes
- Developed shell scripts to automate the installation of client pcs

## Education

### Baden-Wuerttemberg Cooperative State University (DHBW)

Germany, Mannheim  
Oct. 2016 - Oct. 2019 (expected)  
Bsc. Applied Computer Science  
GPA: 2,7

### Bischöfliche Marienschule Mönchengladbach (BMS)

Aug. 2018 - June 2016  
General Certificate of Education

## Skills

JavaScript, HTML & CSS

React & ReactNative

Docker

Java & Kotlin

Natural Language Processing

Linux

## Tools

Visual Studio Code

AndroidStudio

CircleCi

Terminal

Adobe XD & Adobe InDesign

## Awards

### Jugend forscht

June 2016  
Paderborn, Germany  
Pineapple. Ranked 7 out of 1600 Projects in a nationwide contest by developing an concept to organize the school day which can be integrated into every school in germany.

### Anti Bullying Project "Klasse sind Wir"

2013 - 2015  
Mönchengladbach, Germany