

Education

Universität Siegen, Siegen, Germany Oktober 2024
PhD candidate in Computer Science

Universität Siegen, Siegen, Germany August 2021
Master of Science: Computer Science Final Grade: 1.3

Universität Siegen, Siegen, Germany Januar 2019
Bachelor of Science: Computer Science

The University of Tulsa, Tulsa, OK Year Aboard: Fall 18 / Spring 19
Master of Science: Computer Science GPA: 4.0/4.0

Technical Skills

Programming Languages: Python, Java, C, C++, JavaScript, R, SQL

Miscellaneous: Shell Scripting, scikit-learn, Git/Source Control, Encryption, Database Management, Web Design

Platforms: Pycharm, Eclipse, Docker

Experience

- *Teaching Assistant for Algorithms and Data Structures* Summer 2017 - Summer 2020
- *Teaching Assistant for Object-Oriented and Functional Programming* Summer 2017 - Summer 2020
- *Intern, SAP SE* Summer 2019 & Summer 2020
 - Developing features for SAP Cloud Database Systems
 - Implementing automated Python tests for SAP Cloud Platform
- *Intern, Faurecia* Summer 2017
 - Creating databases to digitize datasets
 - Automate data collection of the machines
- *Intern, NetFederation GmbH* Summer 2016
 - Implementing a chat tool for internal communication with ROCKET.CHAT
 - Automate website tests for customers

Personal Software Projects

- *Implementation of an App to control concert lights with the KLSTR standard* Summer 2020 - Winter 2020
 - Implementing an app for IOS and Android devices using the React Native Framework
 - Communication between phone and concert light with NFC and custom data encryption
 - Reduces workload to set up concert lights and detect errors in the setup process
- *Prototypical implementation of a correction support for java programming tasks* Winter 2018
 - Reduces workload of Teaching Assistants by 40%
 - Used at the University of Siegen for the course “Algorithms and Data Structures”

Extracurricular Activities

- Group spokesman of the Konrad Adenauer Foundation in Siegen / Coordinated community outreach
- Tutor in Math for students in High School and University
- Volunteer Firefighter in the Fire Department “Lennestadt Löschgruppe 2”
- Youth officer for the Orchestra “Musikverein Bilstein”

Awards

- Scholarship of the “Konrad Adenauer Foundation”
- Presidential Honor Award – University of Tulsa
- Award for exceptional commitment inside and outside the school – Awarded by “Sparkasse Attendorn Lennestadt Kirchhundem”
- “GymSL Award” for commitment inside the school