Taha Zia

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Education

Jacobs University, *Bremen, Germany*   **Graduated: June 2018**
BS Computer Science
Coursework: Software Engineering, Databases and Web Services, Data Structures and Algorithms, Visualisation, Machine Learning, Operating Systems, Computer Networks, Computer Graphics, Computability and Complexity, Computer Architecture and Programming Languages, Object Oriented Programming

Carnegie Mellon University, *Pittsburgh, Pennsylvania*   **Graduated: December 2017**
BS Computer Science - Exchange Semester
Coursework: Web Application Development, Artificial Intelligence, Information Security & Privacy

Work Experience

Accenture, *Software Engineer - Team Lead*   **November 2019 - Present**
- Currently working on a project as a Full Stack Developer. Making applications using React & Typescript.

HRForecast, *Frontend Developer & Data Scientist*   **December 2018 - October 2019**
- As a Frontend developer, building web applications for different clients using React/Redux in the front-end and NodeJS in the back-end. We are using MongoDB as our database and deploying applications on AWS.
- As a Data Scientist, Using Natural Language Processing to process job postings and get sentiment analysis ratings

confiDental, *Web Developer*   **June 2015 - September 2018**
- Increased proportion of new clients generated from the web, from 10% to 40%, by improving web presence for dental practice.
- Considerably reduced bounce rate of website by redesigning it.

Jacobs University, *Teaching Assistant*   **August 2016 - June 2018**
- Teaching Assistant for six courses: *Software Engineering, Advanced Programming in C, Object Oriented Programming, Advanced Object Oriented Programming, Programming in Python, and Advanced Programming in Python*
- Responsible for running weekly teaching sessions, grading assignments and the final exam

Projects

JPrepper, *Co-Founder*   **September 2016 - November 2018**
- Designed a web app for my university that allows people to post about what they are studying, where they are studying, and for how long they plan to do so. These groups can be made public or private.
- Developed using jQuery, Django, PostgreSQL and AWS

Pill Tracker, *Co-Founder*   **November 2016 - February 2017**
- Developed an app that reminds the user to take their medicine.
- Mined cloud data to understand user behaviour and drive notifications.

Research

Carnegie Mellon University, *Researcher*   **August 2017 - December 2017**
- Researched security and privacy of Recommendation Systems.

Programming Languages: Javascript, Python, C++, C, Java
Web Technologies: ReactJS, NodeJS, HTML, CSS, SASS, Django, jQuery, Ajax, AWS, Heroku

Languages: English (Fluent/Native); German (B1);   **Activities:** Tennis; Dance; Photography