Taha Zia

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Education

Jacobs University, *Bremen, Germany*   **Graduated: June 2018**
BS Computer Science
Coursework: Visualisation, Machine Learning, Software Engineering, Databases and Web Services, Data Structures and Algorithms, Operating Systems, Computer Networks, Computer Graphics, Formal Languages and Logic, Computability and Complexity, Secure and Dependable Systems, Computer Architecture and Programming Languages, General Computer Science, Programming in C, Object Oriented Programming, Foundations of Linear Algebra, Numerical Methods, Elements of Probability

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

Work Experience

HRForecast, *Frontend Developer & Data Scientist*   **December 2018 - Present**
- Generating a smart platform consisting of two million previously analysed job postings. Through sentiment analysis, the platform evaluates the reception of the job offers and helps large companies improve their rapport with applicants. By suggesting alternative descriptions, the platform can help find better suited candidates.
- As a ReactJS developer, building web applications for different clients.

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

Select 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 Ajax, Django, Bootstrap, and SQL.

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: C/C++, Java, Python, SML, Visual Studio .NET
Web Technologies: SQL, Django, Ajax, jQuery, ReactJS, Bootstrap, CSS, HTML5

Languages: English; German; Urdu   **Activities:** Tennis; Dance; Photography