Taha Zia

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Education

Jacobs University, *Bremen, Germany*   **Expected Graduation: June 2018**
BS Computer Science
Previous Coursework Included: 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

Jacobs University, *Teaching Assistant*   **August 2016 - Present**
- 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 weekly assignments and the final exam

confiDental, *Web Developer*   **June 2015 - Present**
- 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.

Select Projects

JPrepper, *Co-Founder*   **September 2016 - Present**
- 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 study. These groups can be made public or private.
- Developed using Ajax, Django, Bootstrap, and SQL.

JBlogs, *Web Developer/Owner*   **August 2017 - November 2017**
- Created blogging platform using Ajax, Django, jQuery and Postgres.
- Hosted and Managed service on AWS EC2.

Pill Tracker, *Co-Founder*   **November 2016 - February 2017**
- Developed an app that reminds 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.

KeyReX Jacobs University Bremen, *Member of Research Group*   **January 2016 - June 2017**
- Developing for mathematics library, mathhub.info, alongside mathematicians and computer scientists

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

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