

# 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 I & II, Object Oriented Programming I & II, Foundations of Linear Algebra I & II, 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.

## Selected Projects

**JPrepper, Co-Founder**

**September 2016 - Present**

- Made 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. Made using Ajax, Django, Bootstrap, and SQL.

**JBlogs, Web Developer/Owner**

**August 2017 - November 2017**

- Made a blogging site using Ajax, Django, jQuery, postgres, HTML, and CSS. Users can register, post blogs, follow other users and more. Later, used AWS EC2 instance to deploy it on web.

**Pill Tracker, Co-Founder**

**November 2016 - February 2017**

- An app that sends a reminder for you to take a pill you've set it for. I was working on the data extraction aspect of the app. My job was to mine the cloud data, and gather useful information to decide whether the pill was taken or not.

## Research

**Carnegie Mellon University, Researcher**

**August 2017 - December 2017**

- Worked on a project concerning the security and privacy aspect of Recommendation Systems

**KeyReX Jacobs University Bremen, Member of Research Group**

**January 2016 - June 2017**

- Developing for mathematics library, [mathhub.info](http://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