

# Taha Zia

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## Education

**Carnegie Mellon University, Pittsburgh, PA**

**Expected Graduation: December 2017**

BS Computer Science - Exchange Semester

*Coursework:* Cloud Computing, Information Security & Privacy, AI : Representation & Problem Solving

**Jacobs University, Bremen, Germany**

**Expected Graduation: June 2018**

BS Computer Science

*Previous Coursework Included:* Software Engineering, Computer Networks, Computability and Complexity, Secure and Dependable Systems, Numerical Methods, Foundations of Linear Algebra I & II, Databases and Web Services, Computer Architecture and Programming Languages, Computer Graphics, Operating Systems, Formal Languages and Logic, Data Structures and Algorithms, General Computer Science, Programming in C I & II, Object Oriented Programming I & II, Elements of Probability, Calculus I & II

## Work Experience

**Jacobs University, Teaching Assistant**

**(August 2016 - June 2017)**

- Teaching Assistant for the courses *Object Oriented Programming, Advanced Object Oriented Programming, Programming in Python, and Advanced Programming in Python*
- Responsible for grading assignments, running weekly teaching sessions and grading 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. Thereby, reduced bounce rate of website by redesigning it.

**Coding Workshop Women's International Leadership Conference, Volunteer**

**(April 2016)**

- Taught participants the basics of Javascript and coached them in making a Javascript game

**Coding Club Lahore Grammar School, Founder**

**(December 2013 - June 2015)**

- Introduced 26 new students to programming by founding and teaching at the first programming club at my school
- Helped students improve grades in CS by voluntarily running review sessions for homework assignments

**Student Council Lahore Grammar School, Webmaster**

**(October 2013 - June 2015)**

- Created webapp and developed websites for students to register for school events online

## Research

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

**(January 2016 - Present)**

- Developing for mathematics library, [mathhub.info](http://mathhub.info), alongside mathematicians and computer scientists

**Programming Languages:** C/C++, Python, Javascript, SML, Visual Studio .NET

**Languages:** English; Urdu; German; Hindi

**Awards:** Award for Excellence & Full Academic Scholarship, LGS Defence Student of the Year Award for Academics and Extracurriculars, LGS Defence Best Overall O-Levels Result, Crescent Model HSS

**Activities:** Tennis; Dance; Photography