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, 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