

Taha Zia

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Education

Jacobs University, Bremen, Germany

Expected Graduation: June 2018

BS Computer Science

Current Coursework Includes: Software Engineering, Computer Networks, Computability and Complexity, Secure and Dependable Systems, Numerical Methods, Foundations of Linear Algebra I & II

Previous Coursework Included: 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

Lahore Grammar School, Lahore, Pakistan

Graduated: June 2015

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

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

Languages: English; Urdu; German; Hindi

Activities: Tennis; Dance; Photography