 **Javeria Tariq**

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I am a junior year Computer Science student at the Lahore University of Management Sciences **(LUMS**). My

research interests lie in **Software and Web Development**. I am also deeply interested in **UX/UI design**.

**EDUCATION**

BS (Honours) in Computer Science LUMS

CGPA: 3.24/4.00 2018 – 2022

**Relevant Coursework**: Artificial Intelligence,Data Structures, Network Centric Computing,Software Engineering, Advanced programming, Database and Data Science

**Intermediate (F.S.C)**  2014-2016 City College of Science and Commerce Multan Marks: 87%

**Matriculation (Science Group)**  2012-2014 Noukhez Public High School Multan Marks: 92%

**HONOURS AND AWARDS**

* Placed on Dean’s Honour list for spring 2018-2019

**Teaching Experience**

* **Teaching Assistant for Computational Problem Solving LUMS**

Under Dr. Shafay Shumail Aug 2020 – Dec 2020

- Designed four C++ programming labs and conducted vivas to test the students’ conceptual understanding through implementation.

- Mentored six pairs of students for their final course projects.

- Received good feedback from students after course completion.

* **Elementary School Science Teacher Dream to Education for All**

- Planned interactive sessions to teach science to children in grades 2-4 July 2020 – Aug 2020

- Prepared practice tests according to the curriculum.

- Checked and marked student assignments.

* **Taught students of F.S.C and Matric July 2019 \_Aug 2019**

**Other Experience**

* **Python Curriculum Designing Intern**

Led a team of two to formulate two comprehensive two-month-long introductory Dec 2020 – Feb 2020

level Python courses for students from humble backgrounds..

**Leadership Roles**

Founding Member At

* LUMS Women in Computing Aug 2020 – Present
* LUMS Emergency Medical Services Aug 2019 -Present
* LUMS Culture Society (LCS) Aug 2020
* LUMS Religious Society (LRS) Aug 2020

**Academic Projects**

* **Pizza Restaurant Website**

Software Engineering Jan 2021 – May 2021

Acted as Project Manager of a group of five to document and develop an interactive restaurant website

using the React framework and Firebase backend support.

* **Cosmetics Ecommerce Website**

Database Aug 2020 – Dec 2020

Worked in a group of four to document and develop an interactive ecommerce website

using the React framework and Firebase backend support.

* **Housing Prices in California Prediction**

Principles and Techniques of Data Science Jan 2021– May 2021

Piloted a group of four to create a logistic regression model in Python to predict the most contributing factor towards house prices.

* **Chord DHT**

Network-Centric Computing Jan 2020 – May 2020

Single-handedly implemented a fully functional, fault tolerant Peer-to-Peer system called Chord DHT with a GUI in Python.

* **Unbeatable Hangman Game and Traffic Signal System**

Computational Problem Solving Aug 2018 -- Dec 2018

It is programming project using C++ language on Codeblocks (Software)

* **Online Departmental Store**

Introduction to Programming Aug 2019 -- Dec 2019

Worked in a group of three to create an object-oriented online departmental store in C++.