

Results-oriented Software Engineer comfortable switching between architecture, design and implementation. Comfortable working in teams or in self-directed environment.

Education

2017- 2021	Bachelors in Computer Science <i>Lahore University of management sciences - Lahore</i>
2015 - 2017	A Levels <i>Lahore Grammar School - Lahore</i>

Work History

2020-01 - 2020-05	Teacher Assistant <i>Lahore University Of Management Sciences, Lahore</i> <ul style="list-style-type: none">Help design the course, construct tests, prepare materials, grade assignments, maybe teach a class session or two.Work with students one-on-one; learn about problems they are having with the course material.
2019-09 - 2019-12	Teacher Assistant <i>Lahore University of Management Sciences, Lahore</i> <p>Assisted teacher in monitoring students' progress using different methods and by reviewing test scores and lab work.</p>

Relevant Works

- Self Colliding Cloth Simulation using Verlet Integration and Spatial Hashing
- Ray Tracing Implementation Using the Phong Illumination Model
- Mesh Refinement using Loop Subdivision Scheme
- Connect 4 using Vue.js and Javascript

Contact

Address

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Phone

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E-mail

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Skills

C++

C

Haskell

Matlab

Python

Assembly Language: x86

Javascript

Golang

React

Node Js

- Online Multiplayer Snake Game using Python
- Implementation of a Chord Distributed Hash Table in Python
- Web application for online food order.
- Web application for connecting corona patients and plasma donors.

Relevant Courses

- Network-Centric Computing
- Network Security
- Computer Graphics
- Artificial Intelligence
- Deep learning
- Data Structures
- Algorithms
- Advance Programming
- Fundamental of computer systems
- Discrete Mathematics
- Machine learning from Coursera (Andrew Ng)
- Theory of Automata
- Software Engineering
- Data Science from Coursera

Accomplishments

- Won FIRST LEGO LEAGUE finals on national Level
- Merit Scholarship at LGS JT for A-levels
- Was consecutively selected for two years as Event head for robotics event for LUMS science society SPADES's signature event "PSIFI"