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EDUCATION

Lahore University of Management Sciences (LUMS) BS Computer Science

2019-2023

Relevant Courses: *Software Engineering, Machine Learning, Network Security, Introduction to Data Mining, Principles and Techniques of Data Science, Intro: Artificial Intelligence, Principles of Marketing, Entrepreneurship*

Certifications/Training

- Programming for Everybody (Python Course) at Coursera July 2020

EXPERIENCE

Smart Technology House, Lahore

Jun – Aug 2022

Software Engineering Intern

- Developed a complete CRUD system for accounts of employees independently, featuring different access permissions for different types of employees. Core PHP and MySQL were used to implement this.
- Converted the company's assigned website templates, flyers, and resumes from PSD form to HTML5 form with pinpoint precision, often including special effects as well with jQuery.
- Designed a few official admission forms and transcripts in HTML5 and CSS for Afro-Asian Institute's student portal.

ACADEMIC PROJECTS

1. Highway Racers (Final Year Project)

Aug 2022 – June 2023

A Unity-based, mobile-based endless runner with [Mindstorm Studios](#) and Dr. Waqar Ahmed as our mentors.

- Managed a group of 5 members as Team Lead, coordinating its work and merging members' Git branches' work
- Developed game UI and various game features in it, such as infinite path generation, bike movement, and bike aesthetics
- Maintained majority of the documentation work
- Researched into game development resources – "The Art of Game Design" and a development playlist by Mindstorm Studios

2. Software House Management System (Databases)

Aug – Dec 2022

A management system for managing the internal workings of a software house, produced under the guidance of [Dr. Naveed Arshad](#).

- Developed frontend and backend for login, privilege levels, creating employee reviews, and viewing employees' data.
- Tools, frameworks, and languages used: React, Express, Node, MySQL, Postman

3. LUMSafar (Software Engineering)

Jan – May 2022

A socialization app for LUMS students, produced under the guidance of [Dr. Suleman Shahid](#).

- Majorly worked in documenting proposal documents, SRS, SDS
- Contributed to the backend for editing profiles and searching by fixing errors in code
- Conducted usability testing of the app
- Tools, frameworks, and languages used: React, Typescript, JavaScript, Node, MongoDB

TECHNICAL SKILLS

Languages: JavaScript, Python, C, C#, C++, MySQL, jQuery, PHP, HTML5, CSS, MatLab, Haskell, LaTeX

Frameworks: React, Node.js, Express

Developer Tools: WordPress, Postman, Unity, GitHub, VS Code, Jupyter Notebook, Bootstrap

Libraries: Pandas, NumPy, Matplotlib, TensorFlow, PyTorch, Scikit Learn, Seaborn

ADDITIONAL SKILLS

- Basic grasp of Photoshop, Adobe Premiere Pro, and WordPress
- Beginner language skills in Punjabi, Pashto, Sindhi

EXTRA & CO-CURRICULAR ACTIVITIES

Badminton Team – LUMS and [Askari 5 Badminton Club – Lahore](#)

2019-2023

- Organized and participated in several badminton training camps and tournaments
- Won 2 silver medals in intra-university tournaments and regularly trained with the team

Interests: Badminton | Flute | Reading | Languages | Martial Arts | Strength Training | Self-Help