Waleed Ahmed Butt

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SUMMARY

Computer engineering student with experience Programming: Python, C, C++, C#, Java, Java Script, LATEX and JavaScript Frameworks

RESEARCH EXPERIENCE

Freelance Video Editor

January 2020 – Present

- Produced and edited over 200+ professional-grade video projects for diverse clients, increasing their viewership by 25% on average by utilizing Adobe Premiere Pro, Audacity and color correction techniques.
- Worked on Infomercials for medical centers such as 'Keeps'.

Freelance Programmer

Auckland University, New Zealand   January 2022 – Present，New Zealand

- Helped students understand programming fundamentals.
- Created dynamic projects remotely with students, helping with Data Structures and Algorithms in programming languages such as Python, C++ , JavaScript and Markup languages like HTML, LaTeX.

Call Center Agent

ABACUS   October 2023 – November 2023，Lahore, Pakistan

- Worked as a Call Center Service Agent at ABACUS, a B.P.O. Worked on as a C.S.A for a carwash company.

EDUCATION

Bachelor of Science in Computer Science

National Univerity of Modern Languages · Lahore, Pakistan · 2026 · 3.72

- Awarded Scholarship for scoring 3.92 GPA in the first semester.
- Appointed as a technical Game Development lead for Google Developer Student Club.
- Participated in Programming Competitions all over Punjab such as SoftFest.

COURSEWORK

Programming Fundamnetals

National University of Modern Languages, Lahore · 2022 · Proficiency in C++

- Hosted group studying sessions to help students with no prior knowledge of programming.
- Worked with advanced Data Structures and Algorithms such as Linked Lists, Dynamic Memory Allocation (Dynamic Arrays).

Object Oriented Programming

National University of Modern Languages, Lahore · 2023 · Graphical User Interfaces and Event Listeners

- Created a stand alone desktop application that serializes textual data and implements it to a fun Quiz game.

Data Structures and Algorithms

National University of Modern Langages · 2024 · Understanding of Data Structures and Algorithms

- Created a Stand Alone 'Point of Sale' Desktop application that utilized all D.S.A principles.

Discreet Maths

National University of Modern Languages · 2023 · Computer Memory Management, Algebra

- Applied it in expanding my understanding of Object Oriented Programming and concepts of D.S.A

CERTIFICATIONS

Technical Internship for Web Application

Internship at Divisonal Public School, Model Town, Lahore

- The web applications implemented razor web-pages with 'C#', JavaScript, HTML for the front and MySQL for backend.
- Implemented Model View Control programming paradigm.
- Worked with industry professionals and learned best practices.

Summer Job for teaching Web Development

Children's Library Complex, Lahore, Pakistan · 2023

- Punctually arrived on time for the entire 1.5 month session.
- Taught a class of 20 students with a wide age range.
- By the end of the class, the students understood the working of basic static web development.

PERSONAL PROJECTS

Point Of Sale Management System

National University of Modern Languages, Lahore · November 2023 – December 2023

- Created a stand alone 'point of sale management system' using pure C++, 'WInforms ' and .NET frame work as a semester project.
- Consisted of a Robust User Interface.
- Applied all aspects of Data Structures and Algorithms.
- Implemented dynamic layouts and Data Serialization/Deserialization aspects.

INVOLVEMENT

Game Development Lead

National University of Modern Languages · Google Developer Student Club · January 2024 – Present

- Attended Meeting and took part in campaigns for student development and learning sessions.
- Managed my team of enthusiastic game developers to develop a game relevant to our university (On going).

SKILLS

Programming: Python, C, C++, C#, Java, Java Script, LATEX, JavaScript Frameworks

Software: Adobe Suite and all other productivity applications.