AAZAN NOOR KHUWAJA

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PROFESSIONAL SUMMARY

Computer Science undergraduate at FAST-NUCES with demonstrated expertise in C++ programming, object-oriented design, and data structures. Proven track record in project development, team collaboration, and marketing outreach. Passionate about open-source contributions and pursuing opportunities like Google Summer of Code. Seeking software engineering and research positions to leverage technical skills and problem-solving abilities.

EDUCATION

National University of Computer and Emerging Sciences (FAST-NUCES), Peshawar, Pakistan Aug 2024 – Present

Bachelor of Science in Computer Science

Relevant Coursework: Object-Oriented Programming, Data Structures, Algorithms

Activities: Microsoft Learn Student Ambassador (MLSA), IEEE Student Member, TEDxFAST Team Member

Iqra Public Higher Secondary School, Gambat, Pakistan   Jun 2021 – Jul 2024

FSc Pre-Engineering (Grade: A+)

Activities: Event Management Coordinator, Cultural Society Member

Samra English Public Higher Secondary School   2018 – 2021

High School Certificate

Strong foundation in Mathematics and Science

TECHNICAL SKILLS

Programming Languages: C++, C

Core Computer Science: Object-Oriented Programming (OOP), Data Structures & Algorithms (DSA), Problem Solving

Development Tools: Git, GitHub, Version Control

Specializations: Console Application Development, Game Development, Financial Simulations

Software Engineering Principles: Abstraction, Polymorphism, Inheritance, Encapsulation, Operator Overloading

PROFESSIONAL EXPERIENCE

Marketing Outreach Coordinator   Mar 2025 – May 2025

TEDxFAST Peshawar   *Peshawar, Pakistan*

- Spearheaded digital marketing initiatives that significantly expanded TEDxFAST Peshawar's online presence and audience engagement

- Developed and executed comprehensive branding strategies and marketing communication campaigns

- Collaborated with cross-functional teams to maximize event visibility across multiple digital platforms

- Contributed to successful event planning and execution through strategic marketing efforts

Social Media Marketing Intern   Dec 2023 – Jan 2024

The H.M Solutions   *Remote, Pakistan*

- Executed digital marketing campaigns including Google Ads and Facebook Ads management for multiple clients

- Provided comprehensive e-commerce support and optimization services

- Developed practical expertise in social media campaign strategy and online sales funnel optimization

- Analyzed campaign performance metrics to improve ROI and customer engagement

FEATURED PROJECTS

Stock Market Simulation System *(C++)*

- Developed a comprehensive console-based stock trading simulator with real-time price fluctuations
- Implemented advanced OOP concepts including polymorphism, inheritance, and operator overloading
- Features include portfolio management, virtual cash transactions, and dynamic market simulation

C++ Learning Repository & Problem Solutions *(C++)*

- Created educational repository with 30+ curated problems per topic and 60+ personally solved solutions
- Designed to help beginners master C++ fundamentals and enhance problem-solving capabilities
- Includes comprehensive documentation and step-by-step solution explanations

Academic GPA Calculator *(C++)*

- Built interactive console application for calculating semester and cumulative GPAs
- Features personalized academic performance feedback and transparent calculation methodology
- Implemented user-friendly interface with error handling and data validation

Minesweeper Game *(C++)*

- Collaborative final project demonstrating game logic implementation and team coordination
- Applied algorithmic thinking for mine placement and field revelation mechanics
- Strengthened debugging skills and collaborative development practices

CERTIFICATIONS & TRAINING

- **Google Cloud – Introduction to Generative AI** – Issued July 2025
- **Microsoft Learn Student Ambassador Program** – Active Participant 2024-Present

COMMUNITY INVOLVEMENT & LEADERSHIP

Volunteer - Disaster Relief Operations   Aug 2025 – Present
Alkhidmat Foundation Pakistan

- Active contributor to disaster and humanitarian relief initiatives
- Participated in flood relief packaging and distribution operations
- Engaged in technical event management and community outreach activities

Additional Activities

- **IEEE Student Member:** Participating in technical workshops and networking events
- **TEDxFAST Team Member:** Contributing to event organization and speaker coordination
- **Cultural Activities:** Event management and performing arts participation

CORE COMPETENCIES

Technical: Algorithm Design, Problem Decomposition, Code Optimization, Debugging
Professional: Project Management, Team Collaboration, Public Speaking, Strategic Planning
Personal: Critical Thinking, Adaptability, Continuous Learning, Cross-cultural Communication