

# Subhan Amjad

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## SUMMARY

Versatile Computer Science Engineer with a passion for leveraging innovative technologies to drive impactful solutions. Adept at quickly mastering new technologies and delivering high-quality code. Pursuing a Bachelor's degree in Computer and Information Sciences at Pakistan Institute of Engineering and Applied Sciences.

## PROFESSIONAL EXPERIENCE

### ACM UET Lahore

UET Lahore

Jul. 2024 – Sep. 2024

Lahore, Pakistan

- Mastered FLUTTER app development. Created an application to track worldwide COVID-19 patient data.

### Mindstorm Studios

Software Company

Jun. 2023 – Aug. 2023

Lahore, Pakistan

- Learned the basics of game development, got skilled with Unity tools, and led a team to create a 2D game project.

## PROJECTS

**Stationery Store Management System:** Developed a role-based inventory and sales management system in VB.NET with a fully connected SQL database. Features include dashboards, audit logs, user-role controls, and inventory tracking.

**EduCanvas:** Created an interactive canvas using Object Oriented Programming for managing student and faculty activities (grades, attendance, quizzes, assignments).

**Byte Saver:** Revolutionized data compression using Huffman Coding to improve storage efficiency. Significantly reduces data size without losing information. Enhances data transfer and storage capabilities.

**SecureRSA:** Developed an application implementing RSA algorithm for understanding encryption and decryption. Enhances data security during transmission. Suitable for applications requiring high confidentiality and integrity.

**MASTER (Market-Guided Stock Transformer):** Designed a dynamic stock price forecasting model leveraging transformers to capture momentary and cross-time market relationships. Trained on CSI300/CSI800 datasets (2008–2024) to improve prediction accuracy amid volatile market conditions.

## EDUCATION

### Pakistan Institute of Engineering and Applied Sciences

Bachelor of Computer and Information Science – Grade 3.69/4.00

Islamabad, Pakistan

Sep. 2022 – Present

## TECHNICAL SKILLS

**Languages:** Python, C/C++, VB, JavaScript (Basics), HTML/CSS, Dart

**Domains:** Algorithm, Development, Machine Learning, Computer Vision

**Developer Tools:** Git, Cursor AI, Android Studio, Packet Tracer, VS Code, Visual Studio Community, LINUX

**Libraries:** pandas, NumPy, Matplotlib, OpenCV

## VOLUNTEER EXPERIENCE

### PAIS (PIEAS Artificial Intelligence Society)

PIEAS University

Jun. 2024 – Present

Islamabad, Pakistan

- Vice President: Enhancing organizational initiatives and member engagement.

## ACHIEVEMENTS

**Datacamp Associate Data Scientist:** Certified on 18/09/24 after passing a rigorous practical exam after three attempts.

**Postman Student Expert:** Certified on 27/08/24 after demonstrating expertise in API development and testing.

**FCCU 345000 PKR Scholarship Holder:** Honored a merit-based scholarship for academic excellence, securing 1074/1100 marks in matriculation.