

# SYED MAWAHID HUSSAIN

CGPA: 3.85

## CONTACT

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## EDUCATION

- O LEVELS**  
GENERATIONS SCHOOL
- A LEVEL**  
GENERATIONS SCHOOL
- BSCS**  
FAST NUCES KARACHI  
2024-2028

## SKILLS

- Programming Languages:** Python, C, C++, Java, React.js, node.js
- Tools & Frameworks:** MS Office, Graphic Designing, Video Editing
- Technical Concepts:** Graph Theory, OOP, Data Structures, AI Framework, Agents, Retrieval-Augmented Generation (RAG), Task Automation
- Soft Skills:** Problem Solving, Teamwork & Collaboration, Communication Skills
- Languages:** English (Fluent), Urdu (Native)

## VOLUNTEER EXPERIENCE

- Indus Hospital – Children's Oncology Department
- Idara Al-Khair - Raised Charity Funds

## EXTRACURRICULAR ACTIVITIES

- Code Sprint Competition 2024 – **FAST NUCES**
- Coder's Cup – Participant (2024, 2025) – **FAST NUCES**
- Multi AI Agent Systems with crewAI - **DeepLearningAI**
- Introduction to Data Science - **Cisco**
- Introduction to Data Analysis using Microsoft Excel - **Coursera**
- Business Analysis & Process Management - **Coursera**
- Procom 2023 – Participant (**FAST University Karachi**)
- Mathematics Competition & English Linguistic Contest – Participant (**CEATS Competitions**)
- Vice President - **Nasheed Society**
- Security Head - **Entrepreneur's Scoiety**
- Runners Up - **Envirography '23**
- External Winners - **KGS GRAMA**

## PROJECTS

- Sports Management System** - Programming Fundamentals (Oct 2024 – Nov 2024) [C, C++]
- FAST NUCES Campus Navigation System** - Data Strcutures (Oct 2025 – Dec 2024) [Data Structures, Graph Theory]
- Snakes And Ladder Game** - OOP (Jan 2025 - March 2025)
- Parking Management System** in Assembly Language (Oct 2025 – Dec 2024)
- Voice Emotion Recognition System** - (Sept 2024 - Jan 2025) [Python, React]
- RAG Chatbot Prototype** - (Jan 2025 - Mar 2025) [ FastAPI backend, OpenAI API integration]