

Muhammad Abdullah Farooq

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EDUCATION

GIK Institute of Engineering Sciences and Technology

August 2020 – August 2024

Bachelor of Science | Computer Science | CGPA 3.02/4.00

Karachi Generation's School

August 2017 – August 2019

GCE Advanced Level

WORK AND LEADERSHIP EXPERIENCE

Literary & Debating Society – Coordinator (President)

December 2022 – Current

- Supervised logistical operations for the GIK OPEN Tournament, maintaining smooth delivery of all aspects of the tournament, resulting in a 95% participant satisfaction rate
- Led the liaison team, resulting in a significant increase in participation with a turnover rate exceeding 70% compared to previous years

NETRONIX – Director Liaison

July 2021 – May 2022

- Administered and managed the physical network infrastructure on campus, including router configurations, enabling connectivity for over 900 residents
- Managed the liaison and logistics for the UberGamingX Tournament, coordinating the participation of 30 e-sport teams and ensuring seamless event execution with a 100% success rate

Al-Khidmat Foundation Pakistan – Member

September 2019 – Current

- Orchestrated a successful fundraising campaign for flood relief in 2022, yielding the collection of 50 lacs rupees, with 100% efficient distribution of relief supplies
- Organized a fundraising campaign during the COVID-19 pandemic for underprivileged communities, raising 10 lacs for the Rashan drive

ACADEMIC PROJECTS

Library Management System

- Coded a user-friendly Library Management System, using object-oriented programming in C++, efficiently implementing essential library operations, and enhancing user experience by 90%

GIKI Today

- Developed a blog website using CSS, HTML, and Bootstrap to enhance student's educational experience by providing a platform for 2000 campus populous

Protein Interaction

- Created and integrated protein interaction graphs utilizing the SDL library and applied Dijkstra's and Prim's algorithms for 80% optimal path determination

Satellite Image Processing

- Applied PCA (Principal Component Analysis) on hyper-spectral satellite images reducing their dimensionality, and retaining useful information with an error of less than 0.5%

NOTABLE ACHIEVEMENTS

- Semi-Finalist at FPDC'2022, participation in 3 National Debating Tournaments
- Societies & Team: GIKI Debate Team, Literary & Debating Society

ADDITIONAL INFORMATION

- Soft skills include Public Speaking
- Technical skills include HTML, CSS, Python, SQL, C, and C++
- Frameworks include Oracle, Bootstrap and ReactJS