

Muhammad Abdullah Farooq

+92 3313535714 | abfarooq.2000@gmail.com | [LinkedIn](#)

EDUCATION

GIK Institute of Engineering Sciences and Technology Bachelor of Science Computer Science CGPA 3.02/4.00	August 2020 – August 2024
Karachi Generation's School GCE Advanced Level	August 2017 – August 2019

WORK AND LEADERSHIP EXPERIENCE

Literary & Debating Society – Coordinator (President)	December 2022 – Current
<ul style="list-style-type: none">Supervised logistical operations for the GIK OPEN Tournament, maintaining smooth delivery of all aspects of the tournament, resulting in a 95% participant satisfaction rateLed 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
<ul style="list-style-type: none">Administered and managed the physical network infrastructure on campus, including router configurations, enabling connectivity for over 900 residentsManaged 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
<ul style="list-style-type: none">Orchestrated a successful fundraising campaign for flood relief in 2022, yielding the collection of 50 lacs rupees, with 100% efficient distribution of relief suppliesOrganized a fundraising campaign during the COVID-19 pandemic for underprivileged communities, raising 10 lacs for the Roshan drive	

ACADEMIC PROJECTS

Library Management System
<ul style="list-style-type: none">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
<ul style="list-style-type: none">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
<ul style="list-style-type: none">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
<ul style="list-style-type: none">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

<ul style="list-style-type: none">Semi-Finalist at FPDC'2022, participation in 3 National Debating TournamentsSocieties & Team: GIKI Debate Team, Literary & Debating Society
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ADDITIONAL INFORMATION

<ul style="list-style-type: none">Soft skills include Public SpeakingTechnical skills include HTML, CSS, Python, SQL, C, and C++Frameworks include Oracle, Bootstrap and ReactJS
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