

Objective	Solution-oriented creative individual who has hands-on experience with contemporary programming tools and conventions. Effective in communication, eager to blend with organizational culture, and can provide stellar products for your IT needs.	
Education	Ghulam Ishaq Khan Institute of Engineering Sciences and Technology (GIKI) Bachelors of Science in Computer Science CGPA: 3.16/4.00	Topi, PK 2020 - 2024
Work Experience	Team Hammerhead (Junior Member)- Ghulam Ishaq Khan Institute Team Hammerhead ARC is a group of students from different faculties of GIKI who annually take part in Shell Eco-Marathon Asia in the Prototype Battery Electric category. •Worked on Designing and Manufacturing electric vehicles. •Part of Marketing, Sponsorship, Media, and Publications departments.	Topi, Pakistan 2022 - 2024
Academic Projects	Tic Tac Toe(C++) By using arrays data structures developed multiplier game with exception handling. Library Management System(C++ • Linked list) Implementation of a class-based Library Information System while using a singly linked list. Protein-Protein Interaction Graph (C++ • Data Structures) A data set of proteins that had common connections between them was shown with the help of graph data structure. GIKI BICYCLE RENTAL SYSYTEM (Flutter-Dart • SQL) GIKI Bicycle Rental Service is an application specifically made for the residents of GIKI. The application was primarily developed in Flutter, using the android studio compiler. To support our backend database, we created a web server using the services of PhpMyAdmin. Raptor - Computer Design (Computer Organization And Assembly Language) Designing of a basic computer with an increased size of the Instruction set named Raptor. Principal Component Analysis on Landsat imagery (Python • Linear Algebra) Applied the application of Principal Component Analysis (PCA) on 12 bands of Landsat-8 imagery using python programming language.	
Awards & Achievements	- 2022-2023: Licenses & certifications: Introduction to Android Mobile Application Development- Meta • Version Control - Meta • Introduction to DevOps - IBM - 2019: Representing Beaconhouse, Pakistan at Kennedy Space Center USA • Successfully Completed Mission robotics. Worked on Robot operating system.	
Skills	- Languages: C++(Proficient) • C(Proficient) • Dart(Proficient)• Java • SQL(Proficient) • Kotlin • Python • Gherkin - Concepts: Object Oriented Programming • Data Structures • Systems Programming • DevOps • Version Control • Android Development • Continuous Integration • Agile - Others: Photoshop • Solidworks • Creo Parametric • Proteus • Xilinx ise	