

Objective	Aiming to secure an internship in a challenging and dynamic environment where I can apply my knowledge and technical, problem-solving, and analytical skills and gain practical experience in a professional environment while making meaningful contributions to the company's growth and success.		
Education	<b>Ghulam Ishaq Khan Institute of Engineering Sciences and Technology (GIKI)</b>		Topi, PK 2020 - 2024
	Bachelors of Science in Computer Science CGPA: 2.74/4.00		
	<b>Government College Bhakkar</b>		Bhakkar, Pakistan 2018 - 2020
	F.Sc Pre-Engineering Result: 81.45%		
	<b>Secondary School Certificate, BISE Sargodha</b>		Bhakkar, Pakistan 2015 - 2017
	Matriculation Result: 93.81%		
Academic Projects	<b>Google Data Analytics Capstone: 3 Complete Case Studies</b>		
	Completed a data analytics project by selecting an analytics-based scenario, asking relevant questions, and applying data preparation, processing, analysis, and visualization techniques to the data. Implemented industry-standard practices and procedures associated with the data analysis process to achieve desired outcomes. Demonstrated the ability to identify key features and attributes of a successful case study, showcasing expertise in data analysis.		
	<b>Graph Visualization and Algorithms Implementation</b>		
	Implemented a program in a Data Structure and Algorithms course that visualizes a graph and performs various algorithms such as Minimum Spanning Tree, BFS, DFS, Dijkstra, Prim, and Kruskal using C++, Winforms, and SFML.		
	<b>Implementation of PCA for Compression of Satellite Images</b>		
	Applied Python, Scikit-Learn, and Geopandas to process seven-band satellite images. Performed Principal Component Analysis (PCA) to determine the most informative bands and measured the information loss through image comparison analysis.		
	<b>Library Resource Management System with C++</b>		
Awards & Achievements	Developed a library information system as part of object-oriented programming (OOP) course using C++. The system aimed to automate library processes and improve resource accessibility for users.		
	<b>Web-based Hospital Management System</b>		
	Developed a web-based e-hospital platform as part of a software engineering and databases course, using HTML, CSS, PHP, and MySQL. The system aims to centralize hospital operations, enhance hospital efficiency, and provide better patient experiences.		
	<b>Implementation of Tic Tac Toe and Hangman Games</b>		
Skills	Implemented Tic Tac Toe and Hangman games in C++. The project is aimed to showcase programming skills and demonstrate the ability to create simple, yet engaging games.		
	- Google Data Analytics Professional Certificate		
	- Awarded GIK Scholarship for entire bachelor program based on academic background and performance in entry test		
	- Received merit-based Laptop Award from Chief Minister Punjab		
	- Participated in English speech competition organized by District Education Authority Bhakkar		
	- Attended the Punjab Boy Scout Association Summer Training in 2017 at the Boy Scouts Summer Training Center, Ghora Gali, Murree Hills, Rawalpindi.		
	- Data Collection, Web Scraping		
	- Data Cleaning		
	- Data Visualization, Tableau		
	- Data Analysis		
	- Excel, Google Spreadsheets		
	- SQL		
	- Python: NumPy, Matplotlib, Seaborn, Pandas, Scikit-learn, Tensorflow		
	- Programming: Python, C++ ,and C		
	- Problem Solving		
	- Presentations		
	- Microsoft Office		
	- Git, GitHub		