

Rajab Ali

alirajab.ds@gmail.com
+92 (332) 6084015

Address

Room # 02, Hostel 8, GIK Institute
Topi, Khyber Pakhtunkhwa
Pakistan

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	Ghulam Ishaq Khan Institute of Engineering Sciences and Technology (GIKI) Bachelor of Science in Computer Science CGPA: 2.74/4.00	Topi, PK 2020 - 2024
	Government College Bhakkar F.Sc Pre-Engineering Result: 81.45%	Bhakkar, Pakistan 2018 - 2020
	Secondary School Certificate, BISE Sargodha Matriculation Result: 93.81%	Bhakkar, Pakistan 2015 - 2017
Academic Projects	Google Data Analytics Capstone: 3 Complete Case Studies 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. Graph Visualization and Algorithms Implementation 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. Implementation of PCA for Compression of Satellite Images 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. Library Resource Management System with C++ 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. Web-based Hospital Management System 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. Implementation of Tic Tac Toe and Hangman Games 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.	
Awards & Achievements	- 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.	
Skills	- 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	