

Mubarak Ali Piracha

Waterloo, ON

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EDUCATION

University of Waterloo <i>Honours Mathematics Co-op</i>	Waterloo, ON <i>Sep 2025 – Present</i>
Karachi Grammar School <i>GCE Advanced Level (Physics, Chem, Math, CS)</i>	Karachi, Pakistan <i>Graduated Aug 2024</i>

- President's Scholarship of Distinction (Aug 2025) | UWATERLOO Entrance Bursary
- Awards: High Achievers Award (Cambridge Assessment), Winner of KGSO Computer Science Module
- Grades: Achieved 2A* and 2A at A2 Level; 4A at AS Level

PROJECTS

Weather Dashboard CLI <i>Python, Requests API, JSON</i>	Sep 2025
<ul style="list-style-type: none">Developed a command-line tool that fetches real-time weather data using the OpenWeatherMap API.Implemented JSON parsing to extract temperature and humidity data for user-specified cities.	
Personal Portfolio Website <i>HTML, CSS, GitHub Pages</i>	Aug 2025
<ul style="list-style-type: none">Designed and deployed a responsive personal website hosted on GitHub Pages to showcase technical projects.Utilized modern CSS Flexbox for mobile responsiveness and optimized page load speeds.	
Automated Expense Tracker <i>Python, Pandas, CSV</i>	July 2025
<ul style="list-style-type: none">Built a script to track daily expenses, saving data to CSV files for persistent storage and analysis.Utilized Pandas to generate monthly summary reports visualizing spending habits.	

EXPERIENCE

Marketing Intern <i>Kassam Trading Company (Rice Export)</i>	May 2025 – Aug 2025 Waterloo, ON
<ul style="list-style-type: none">Analyzed client export data using Excel to identify key trends in international markets, increasing lead accuracy by 15%.Streamlined client communication workflows by implementing a centralized tracking system.Collaborated with the logistics team to optimize supply chain schedules and ensure timely delivery of goods.	
Information Technology Developer <i>Hamardi.pk (Student-led Social Initiative)</i>	Jun 2024 – Jun 2025 Karachi, Pakistan
<ul style="list-style-type: none">Maintained the organization's web presence, ensuring 99.9% uptime and optimizing assets for faster load speeds.Automated volunteer registration processes using Google Forms/Sheets scripts, reducing manual data entry by 40%.Spearheaded digital transformation by implementing cloud-based collaboration tools for 20+ members.	
Management Intern <i>Iranian Carpet Industries</i>	May 2023 – Aug 2023 Karachi, Pakistan
<ul style="list-style-type: none">Supported warehouse operations in a high-volume custom bonded facility, assisting in inventory management.Optimized stock counts, labeling, and record maintenance processes.	

CERTIFICATIONS

Information Technology Specialist – Python <i>Certiport</i>	Mar 2025
<ul style="list-style-type: none">Earned Python certification from Pearson VUE Business (Credential ID: 48627705).	

TECHNICAL SKILLS

Languages: Python, Racket (Scheme), SQL, HTML, CSS, JavaScript, LaTeX

Libraries: Pandas, NumPy, Requests, Beautiful Soup

Developer Tools: Git, GitHub, VS Code, Jupyter Notebooks, Command Line/Bash

Concepts: REST APIs, Data Structures, Algorithms, Functional Programming, OOP