

Mubarak Ali Piracha

Waterloo, ON

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EDUCATION

University of Waterloo

Honours Mathematics Co-op

Waterloo, ON

Sep 2025 – Present

- President's Scholarship of Distinction (Aug 2025) | UWaterloo Entrance Bursary

Karachi Grammar School

GCE Advanced Level (Physics, Chem, Math, CS)

Karachi, Pakistan

Graduated Aug 2024

- 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 | *Python, Requests API, JSON*

Sep 2025

- 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 | *HTML, CSS, GitHub Pages*

Aug 2025

- 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 | *Python, Pandas, CSV*

July 2025

- 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

May 2025 – Aug 2025

Kassam Trading Company (Rice Export)

Waterloo, ON

- 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

Jun 2024 – Jun 2025

Hamdardi.pk (Student-led Social Initiative)

Karachi, Pakistan

- 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

May 2023 – Aug 2023

Iranian Carpet Industries

Karachi, Pakistan

- 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 | *Certiport*

Mar 2025

- 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