

Zain Aamer Ghias

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🌐 LinkedIn | 🐙 GitHub | 🌐 Portfolio Website

Profile

Applied Statistics student specializing in **data analytics, visualization, and business insights**. Currently pursuing the **IBM Data Analytics Professional Certificate** and developing portfolio projects analyzing operational and financial data. Seeking **Summer 2026 Data Analytics or Business Analytics internships**.

Education

University of Toronto

Expected Graduation: Apr 2027

Honours Bachelor of Science — Applied Statistics

Minors: Computer Science and Mathematics

Relevant Coursework: Data Analysis, Statistical Learning, Regression, Databases, Machine Learning, Data Visualization

Experience

Software Engineering Intern

San Francisco, USA

Wholeviz (*Remote*)

Sep – Dec 2025 (Ongoing)

- Collaborating with a team to build a **data visualization platform for non-coders** such as NGOs, journalists, and government teams.
- Leading front-end and UI/UX development in React and Plotly to ensure accessibility and intuitive design.
- Assisting integration of **AI-assisted features** including automated chart recommendations, data-cleaning helpers, and natural-language chart generation.

Front-End Developer Intern

Toronto, Canada

Quor (*Hybrid*)

May – Aug 2025

- Developed and refined a cross-platform mobile app using React Native (Expo) and TypeScript.
- Built reusable UI components, navigation flows, and dynamic features such as search filters and maps.
- Tested app responsiveness and scalability in Android Studio.

Projects

Bike Share Toronto Analysis [[View Project](#)]

Sep – Oct 2025

Excel, Tableau – Analyzed Bike Share Toronto open data (2023–2024) to evaluate ridership growth, commuter patterns, and user demographics. Modeled and cleaned datasets in Excel, created KPI dashboards in Tableau to visualize station activity and business performance trends.

Tree-Based Data Visualization

Mar 2024

Python – Created a hierarchical visualization using trees and recursion; calculated and displayed dynamic tree depth.

The MewbileTech Phone Company

Jan – Feb 2024

Python, JSON, Mapping – Built data filtering software to visualize Toronto customer data on maps; optimized algorithm efficiency for faster querying.

Certifications & Courses

IBM Data Analytics Professional Certificate — Coursera

Ongoing

Comprehensive training in Excel, SQL, Python (Pandas), data wrangling, visualization, and IBM Cognos Analytics. Includes BI dashboards, data storytelling, and applied analytics labs.

Data Analysis: SQL, Tableau, Power BI & Excel (Real Projects) — Udemy

Completed Oct 2025

Designed dashboards in Tableau and Power BI; wrote SQL queries for joins and aggregations; cleaned and modeled Excel datasets for real-world analytics use cases.

Technical Skills

Programming: Python, SQL, JavaScript, TypeScript

Tools: Excel, Tableau, Power BI, IBM Cognos Analytics, Git, VS Code

Libraries/Frameworks: Pandas, NumPy, scikit-learn, Plotly, React

Concepts: Data Cleaning, Exploratory Data Analysis (EDA), KPI Tracking, Predictive Modeling, Business Intelligence (BI), Statistical Reporting, Data Visualization