Hello
I'm Adnan Sami

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LinkedIn

Skills

Languages & Tools: Java, Python, SQL, Android Studio, MongoDB, GitHub, Figma, Pandas, Matplotlib, HTML, CSS, JavaScript

Technologies: Firebase, REST APIs, Git

Soft Skills: Leadership, Collaboration, Task Delegation, Client Communication, Problem Solving

Experience

Sept - Dec 2024
Front-end and back end developer

University of Alberta, Canada – *Event Lottery App Development (C301 project)*

- Built a mobile event lottery application using Java in Android Studio with Firebase backend

- Delegated tasks among 6 members, based on team members' strengths, ensuring efficient sprint cycles.

- Communicated client requirements, managed pull requests/issues on GitHub.

- Designed wireframes in Figma, contributed significantly to coding and troubleshooting.

- Mentored peers through debugging sessions and led team standups for project coordination.

Jan - April 2024
Backend Developer

University of Alberta, Canada – *Twitter Clone on Terminal (C291 project)*
{ https://github.com/ualberta-cmput291-202303/f23-proj2-zahp-mp2.git }

- Created a command-line Twitter clone in Python using MongoDB and SQL queries.

- Implemented core features: user registration, login, post creation, and data retrieval by filters.

- Collaborated in a 4-person team, equally divided tasks and ensured clean modular code.

- Focused on backend data handling and robust user input validation

Jan - April 2023

University of Alberta, Canada – *Personal Correlation Study (C191 project)*
{ https://github.com/adnan-sami-dev/Gas-Prices-vs-GDP-per-capita.git }

- Investigated the correlation between GDP per capita and global petrol prices.

- Collected and cleaned datasets from Kaggle and other economic data sources.

- Converted currencies to USD and used Pandas, Matplotlib, and correlation metrics to analyze data trends.

- Discussed potential confounding factors and limitations in analysis, creating a GitHub website explaining and visualising my entire study process.

Feb 2025
Data Analyst & Dashboard Designer
Personal Project – *Excel Bike Sales Dashboard*
[*https://github.com/adnan-sami-dev/data_analysis_projects.git* }

- Created an interactive **Excel dashboard** to visualize bike sales trends using pivot tables, slicers, and charts.

- Cleaned and structured raw sales data to extract meaningful insights on customer demographics and purchasing patterns.

- Applied conditional formatting and dynamic filters for better usability.

Education

Sept 2020 - April 2025
University of Alberta, Canada – *BSc. Computer Science (major), Psych (minor)*