

KAMVEER GREWAL

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SUMMARY

Aspiring finance and tech professional with a strong foundation in data structures and programming, pursuing expertise in business analysis and data modeling. Seeking mentorship from the Oxford Finance Transformation team.

EXPERIENCE

Data Engineer

UT Autonomous Scale Racing (UTASR) team

Oct 2025 - current, UTSG

- Collaborating with the engineering team to implement data modeling best practices.
- Designing data schemas to organize telemetry data for autonomous vehicles.

Team Member

Food Basics

Nov 2022 - current, Mississauga, ON

- Provide excellent customer service while restocking to ensure every customer can find what they need.

PROJECT

Credit Card Recommendation Engine

(Personal Project) • github.com/KamveerGrewal/CreditCardRecommendation/tree/main/Recommender • December 2025 - Present

- Built a Python-based decision tool that analyzes user spending habits to recommend optimal credit products based on rewards structures and fees.
- Implemented logic to compare multiple variables (cashback rates, annual fees) to maximize user financial returns.
- Structured data using Python Dictionaries and SQL to efficiently query and filter card features.

Interactive Java GUI Application

Academic Project • November 2025 - Present

- Engineered a modular Java application within a Scrum team of 5, delivering a fully functional product ahead of schedule.
- Enforced Clean Architecture standards and version control best practices (Git/GitHub) to minimize merge conflicts and technical debt.
- Designed the user interface and backend logic using the Model-View-Controller (MVC) pattern for seamless user interaction.

RISC-V Assembly Game

(Academic Project) • October 2025 - Present

- Engineered complex logic algorithms for collision detection and object tracking.

EDUCATION

BSc Applied Statistics

Minor in Computer Science • University of Toronto Mississauga • Mississauga, ON • 2024 - current

AWARDS & HONORS

Ontario Scholar

DPCDSB • 2024

Waterloo Computing Challenge

Waterloo • 2021

- Top 25%

SKILLS

Python, SQL, Java, Assembly (RISC-V)

Visio, Tableau, Microsoft Excel, PowerPoint

Scrum, Waterfall, Agile

Fluent in English, Punjabi, Hindi and French
