

# 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](https://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.

### Detailing SaaS

(Personal Project) • [github.com/KamveerGrewal/detailing-saas](https://github.com/KamveerGrewal/detailing-saas) • October 2025 - Present

- Architecting a full-stack CRM solution to automate booking and payment workflows for auto detailing businesses.
- Engineered a real-time scheduling system using the Google Calendar API, reducing manual administrative overhead.
- Integrated Stripe payment gateways and PostgreSQL to securely manage customer transactions and financial data.

### 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.

## 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

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