

Eric Fong

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Graduating Mathematics & Statistics Undergraduate

PROJECTS

SELF CHECKOUT STATION | UML, Javascript, GitHub

- Developed and deployed a fully-functional grocery self-checkout system, improving store efficiency and customer experience.
- Optimized workflow and enhanced clarity by creating organized UML diagrams for class structures.
- Achieved high-quality back-end software by conducting rigorous unit testing and producing clear documentation and diagrams.
- Enabled seamless collaboration by utilizing GitHub's push-pull methods to work with group members.

NEPHOS APPAREL FORECAST AND PREDICTION | Python, SQL

- Developed a sales forecast and prediction model to optimize business operations and enhance decision-making.
- Translated business requirements into technical solutions and delivered actionable insights to drive business growth.
- Applied statistical techniques and advanced analytics to identify patterns, seasonality, and demand drivers.

PROFESSIONAL EXPERIENCE

STARBUCKS, Calgary, AB

Barista, June 2021 - Sept 2022

- Delivered high-quality drinks and built strong customer connections, resulting in 95% positive feedback.
- Implemented inventory management system to optimize stock ordering, resulting in 25% reduction in excess inventory.
- Improved team and customer connections, enhancing collaboration and synergy.
- Collaborated efficiently in fast-paced settings.

JING WO CULTURAL ASSOCIATION, Calgary, AB

Secretary, Jan 2021 - Current

- Contributed to developing an integrated event planning system through Excel spreadsheets.
- Led and directed team members to achieve efficient and structured execution of events.
- Collaborated with board members to successfully complete monthly tasks.
- Facilitated scheduling of board meetings among members to ensure timely and effective communication.

CERTIFICATIONS

GOOGLE, *Advanced Data Analytics Professional Certificate*, May 2023

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EDUCATION

UNIVERSITY OF CALGARY, Calgary, AB

Bachelor of Science in Mathematics and Statistics Sept 2020 - May 2025

ADDITIONAL SKILLS

- **Programming:** Java, Python, MySQL, Javascript, HTML, CSS, R, MatLab, PHP, PowerShell
- **Other Skills:** Git, UML, Unit testing, Integrated testing, Code documentation, Microsoft Office Suite, Object-Oriented Programming, SQL.