

Eeman Salman

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EDUCATION

Bachelor of Applied Science: Engineering Science

Expected: April 2024

University of Toronto – St. George Campus

Toronto, ON

- Fourth-year student currently specializing in Machine Intelligence

SKILLS

- Organized and enthusiastic professional with experience in the non-profit and engineering industry.
- Creative and critical thinker with strong leadership and collaboration skills.
- Proficient with basic email/browser software, web application development tools, web management systems, Microsoft Office Suite, Project Management Workflows, Adobe Photoshop, AutoCAD, Autodesk Inventor, QGIS, Python, C, and MATLAB.

WORK EXPERIENCE

TRANSPORTATION ENGINEERING AND PRODUCT DEVELOPMENT INTERN

May 2022 – June 2023

IBI GROUP – CURBIQ

- Worked closely with cross-functional teams to conceptualize and prototype innovative features for CurbIQ's management platform
- Utilized Geographic Information Systems (GIS) software to process and validate curbside data
- Participated in weekly team meetings, presenting project updates, and contributing ideas to solve complex engineering challenges

JR. APPLICATIONS ENGINEER

May 2021 – September 2021

ATG PHARMA

- Responsible for managing custom design projects, developing, and executing engineering scope, performing application tests, writing equipment benchmarking reports, writing proposal documents for clients, and communicating project information
- Deployed high volume pump from research stage to beta program plan of New Product Introduction (NPI) process

FRONT STAFF

May 2019 – September 2019

AUNTY'S KITCHEN

- Created orders, documented special requests, and followed up with kitchen personnel to foster top-quality service

LEADERSHIP EXPERIENCE

MUSLIM YOUTH NETWORK – MISSISSAUGA

March 2020 – Present

PRESIDENT

- Oversee all aspects of the city chapter's operations, ensuring that programs, events, and initiatives are well-organized, effectively executed, and contribute to the development of Muslim youth
- Develop strategies to engage and involve a diverse membership base of Muslim youth, providing them with opportunities for personal growth, skill development, and community involvement

FEMINSTEM: INTRODUCING YOUNG MINDS TO THE WORLD OF STEM

August 2020 – Present

MENTOR

- FeminSTEM is a nonprofit organization that aims to provide a summer camp experience for young girls catered around the fields of STEM. The camp is organized based on the components of STEM which allows the campers to familiarize themselves with all strands.
- Planned and led math workshops for campers on the topics of probability, statistics, and estimation (refer to <https://www.feminstem.ca/>).

PROJECTS

SNAKE GAME

April 2020 – Present

- Created a simple snake game in C, focusing on developing an algorithm to allow for the most efficient game to be played using pointer data structures and time complexities (refer to <https://github.com/eemans21/Snake-Game-in-C>). Improvement of the user interface in progress.

HEYLO

February 2020 – Present

- Heylo is a platform that allows users to text or talk to the app using natural language processing, machine learning, google API, and sentiment analysis, and the app will output a tailored user-specific response.
- With user data and algorithms, the app will examine a series of mental health databases to suggest applicable resources.
- Developed website using Voiceflow technology using JavaScript, HTML, and CSS
- Back-end development using Python in progress, user interface, and the beta prototype are being tested.

AWARDS & ACCOMPLISHMENTS

- **Bloomberg Challenge Winner for Best Hack**, NSBEHacks | University of Toronto St. George **2020**
- **International Business Venture Winner** | Muslim Interscholastic Tournament **2019**
- **Advanced Placement Bronze Award** | John Fraser Secondary School **2019**