Kaavya Kalani

Toronto, ON | +1 (437) 988 4105 | kaavya.kalani@mail.utoronto.ca | linkedin.com/in/kaavya-kalani

SKILLS

- **Technical Languages** : Python, R, Java, C, Assembly, SQL, JavaScript, React, HTML, CSS, Django, PostgreSQL
- **Tools/Technologies** : Microsoft Office, Github, UIPath (RPA), Figma, scikit-learn/Pandas/Numpy, REST API
- Experienced with working in a Linux environment
- Team player and excellent communication skills (collaborated on multiple team projects)
- Self-motivated, task-focused, reliable, and punctual

EDUCATION

University of Toronto Toronto, ON

Bachelor of Science: Specialist in Computer Science | Minor in Statistical Science | CGPA: 3.72/4.0 June 2025

- **Achievements**: Dean's Scholar List (2021-2022, 2022-2023)
- **Relevant Coursework**: Software Design; Systems Programming; Software Engineering; Databases; Introduction to Machine Learning; Introduction to Artificial Intelligence; Programming on the Web; The Design of Interactive Computational Media; Operating Systems; Algorithm Design, Analysis & Complexity; Introduction to Data Science; Probability with Computer Applications; Statistics and Data Analysis

WORK EXPERIENCE

University of Toronto Department of Statistical Sciences Toronto, ON

STA130 Peer Mentor Aug 2023 - Present

- Responsible for guiding and supporting STA130 students (first-years) as a mentor through one-on-one sessions.
- Responsible for planning and facilitating events for students in the STA130 course throughout the academic year.

Evolvant Technologies (UiPath Services Network partner) Dubai, UAE

Robotic Process Automation Developer May 2023 - June 2023

- Evolvant builds software robots to automate time consuming and repetitive tasks within their client's organization.
- I worked with the Automation Development team on projects which involved me conceptualizing and developing reusable components/activities using **UiPath** and aligning them with the company's standards.
- I also was involved in the design phase of some customer projects.

PROJECTS

Mapping Canada's Protected Places with AI

- Made a website with an interactive map of Canada's protected places which included building a complete central database by incorporating AI to predict the missing protection level for different protected areas across Canada for the client Korotu Technology Inc.
- I was a key member of the back-end team and also served as the team coordinator/project manager with the client.
- Tech Stack : **CSS, React, Fly.io, Python; Github** used for collaboration

Predictive Machine Learning Model for Personalized Education Platforms

- Designed and implemented machine learning models to forecast student performance on diagnostic questions in online learning platforms. Leveraged past responses and peer data to enable tailored recommendations and gauge individual learning abilities for an optimized educational experience.
- Tech Stack : **Python**

Room 114 (UofT based management game)

- Developed a game in a team incorporating clean architecture and SOLID principles. Our game consisted of multiple mini games which popped up simultaneously at specified time intervals and the player had to successfully finish them correctly before the time ran out.
- Tech Stack : **Java; Github** used for collaboration

2025 Canadian Elections Result Predictor

- Used the 2021 Canadian Election Study (CES) data, complemented by insights from the 2017 General Social Survey (GSS) to unravel the factors influencing voters' choices, examining the interplay between variables and then predict who will win the upcoming Federal elections.
- This was done by building a logistic regression model with multiple variables and then post-stratifying the results to improve the precision of estimators
- Tech Stack : **R; Github** used for collaboration