Paarth Kashyap

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Education

University of Toronto Toronto, ON
Bachelor of Applied Science, Computer Engineering *Expected Graduation 2026*

Technical Skills

Languages: Python, Java, MATLAB, C
Tools/Libraries: Selenium, Jupyter Notebook, Swing, pandas, NumPy, Matplotlib, PyInquirer, GitHub, MS Office
Experienced in: LEGO Robotics and VEX Robotics

Projects

Movie Recommendation | *Java, Swing, AWT* Feb 2022

- Developed a recommendation program with both back-end and front-end properties utilizing Java and Swing
- Utilized OOP, Data Structures and Algorithm practices to simulate an application with profiles and user-specific information

Automatic Music Downloader | *Python, Selenium, Tkinter, BeautifulSoup* May 2021

- Created python program utilizing objects and inheritance which automates downloading songs from YouTube as an MP3
- Developed a UI for entry of songs for users to visualize their download requests and edit current requests

Experience

Research Assistant July 2022 – Sept 2022
Queen's University *Kingston, ON*

- Assisted in gathering and filtering data for a study focusing on the intent behind code changes
- Formulated a file of relevant journals/papers from a pool of over 1000 entries through string searching, meta-reading, and snowballing

Data Research Intern July 2021 – Sept 2021
Queen's University *Kingston, ON*

- Assist research lead in gathering data for an exploratory study which focuses on code commenting patterns and styles of smart contracts on the blockchain
- Developed algorithm in Python using regular expression to extract data on comments and their different properties from smart contracts
- Built a command-line interface in Python using PyInquirer, increasing efficiency of updating/adding publications by 50%

Robotics STEM Instructor Dec 2021 – June 2022
City of Brampton *Brampton, ON*

- Teach young participants LEGO Robotics and general engineering concepts such as planning and execution through multi-modal techniques
- Developed and implemented engaging lessons to ensure maximum engagement and retention of students in the upper levels
- Organized and coordinated building activities to apply learned concepts