Eliya Farhat

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Education

Toronto Metropolitan University (formerly Ryerson)   *Toronto, CA*

Bachelor of Science (B.Sc.) in Computer Science • **4.00/4.33 CGPA**   *Sept 2022 - Present*

- **Relevant Courses:** Python, Java and Object Oriented Programming, Computer Organization I and II, Discrete Mathematics.
- **Upcoming Courses:** Unix, C, and C++, Operating Systems, Data Structures, Algorithms, Network Systems.
- **Expected Graduation: June 2026**

Projects

BluugBot, a Q.O.L. Discord Bot   *Github*

DISCORD BOT • Python, Spotify API, Google Search API, BeautifulSoup, HTML/CSS, JSON, OAuth 2.0   *Dec 2022 - Present*

- A fast and responsive Discord Bot that provides users with a variety of features to improve "quality of life" when using the Discord platform. Currently the bot is in **11 Discord servers** and interacts with **800+ users.**
- Currently, the bot utilizes the Google Custom Search API and the Spotify API. Allowing users to view Google search, image, and Spotify search results while in the platform. The Spotify API also allows the user to view any song I am listening to in real-time.
- The Discord Bot also utilizes web scraping techniques using the BeautifulSoup library to reduce API costs and response time within the platform. This enables users to search for the weather, time, and articles on WikiHow with minuscule delay.

Google Form's Response Data Analyzer   *Github*

DATA ANALYSIS + API INTEGRATION • Python, Matplotlib, Pandas, Google Form's API, OAuth 2.0   *Feb 2023 - Apr 2023*

- Designed and built a program in Python that allows for the collection and analysis of Google Form responses, storing data in JSON formats that are ready to be made into valuable charts.
- Implemented the Google Forms API, complete with an OAuth 2.0 authorization flow.
- Designed a function that allows for the comparison of any two variables, separating responses into multiple categories based on answers if needed. Data is then stored in JSON format.
- Uses the OAuth2client, GoogleAPIClient, Matplotlib and Pandas Python libraries to graph collect and graph the data.
- Saves figures directly to the current project directory.
- Allows for the generation of bar charts, stacked bar charts, grouped bar charts, pi charts, and line charts.
- Has been used to collect and chart data on a Google Form with over **100 responses**.

YouTube Playlist to Spotify Playlist Script   *Github*

MULTI API INTEGRATION • Python, YouTube Data API v3, Spotify API, SpotiPy, JSON, OAuth 2.0   *Dec 2022 - Jan 2023*

- Designed and built a program in Python that transfers music content saved in a YouTube playlist to a new, Spotify playlist.
- Combined both the Google YouTube Data API v3 and Spotify API to allow for a seamless and one step transfer of content across the platforms.
- Designed an automatic Spotify API token refresher to fetch a new token after it expires.

Work Experience

McDonald's   *Richmond Hill, ON*

Crew Member   *Oct 2019 - June 2022*

- Facilitated customer purchases through drive through and in store ordering. Versatile in both the front end and back end duties of the store, resulting in increased productivity for colleagues and myself.
- Trained new crew members on multiple duties around the store.
- Resolved customer complaints, in conjunction with a manager, creating a positive guest experience.
- Helped improve the overall average time spent per order, improving customer satisfaction.

Relevant Skills

Languages Python, Java, HTML5, CSS, JavaScript, JSON.
Libraries Pandas, Matplotlib, NumPy, GoogleApiClient, Spotipy, PIL, BeautifulSoup, Selenium, Tkinter.
Technical Git, GitHub, Google API, API's, Linux, LaTeX(Overleaf/Markdown/LATEX), OAuth 2.0.
Interests Full Stack Development, Competitive Programming, Game Development, Problem solving.