ERIC LIN

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EDUCATION

University of Toronto, *Toronto, ON*   *September 2017 - May 2021*
Bachelor of Science, Major in Health & Disease, Minor in Statistics and Immunology
Plan to pursue Masters or 5th Undergraduate year   *September 2021 - May 2022*
Relevant Coursework: Introduction to Computer Science, Mathematical Expression and Reasoning for Computer Science, Software Design, Methods of Data Analysis, Probability, Statistics and Data Analysis

SKILLS

Programming Languages	Java, Python, C++, R, SQL
Web Development	HTML, CSS, JavaScript, Node.js
Technology	MySQL, MongoDB, API

PROJECTS

GameConnect   *October 2020 - Present*

- Used Django, Python, HTML, and CSS to create a social media website for people who play games.
- Allowed user to sign up and modify personal information such as country, bio, name.
- Created posts section for user to post, like and comment, allowing users to interact with each other.
- Contains a list of popular games which user can browse and add to display on profile.

Anime & Manga Trend Analysis   *July 2020 - Present*

- Used Node.js and Kitsu.io API to create a script and collect data from 18,000 animes since 1907.
- Set up a Python script using BeautifulSoup and Selenium WebDriver that scrapes 23,000 mangas and their information from Mangakakalot.
- Utilized pandas to clean the data and filtered based on different attributes.
- Displayed trends in categories with graphs and bar chart race animation using Matplotlib and plotly.

Discord Bot: UofTHelpBot   *July 2020 - Present*
https://docs.nikel.ml/showcase

- Created a Discord bot using Node.js & Nikel API to allow users to search up information regarding courses, exam schedules, and more.
- Currently serving 2000 active users on various discord servers.

Discord Bot: LunaBot   *March 2020 - Present*

- Collaborated on a Discord bot using Node.js to perform various functions in private server such as joining voice channel to play music and daily update of COVID-19 new cases in Ontario.
- Created MongoDB database for storing user levels, rankings, and quotes.
- Used RIOT API to provide League of Legends information, iex API for stock updates.

EXPERIENCES

Research Opportunity Program - ENV399   *September 2019 - Present*
https://restia1230.github.io/ENV399-Hackathon/

- Used Complexity and Organized Behavior within Environmental Bounds for herd immunity simulation.
- Conducted simulations on the impact of immunization and social distancing regarding COVID-19.
- Received publication on UofT Arts & Science website
- Leads weekly office hours to assist students with the application.

OTHER EXPERIENCES AND ACHIEVEMENTS

- Research Student at University Health Network.   *September 2019 - Present*
- UofT Student Ambassador   *September 2018 - Present*
- Volunteer Team Lead at Toronto Rehabilitation Institute   *May 2018 - Present*