

Colin Lin

125 Highhill Drive, Toronto, ON M1T 1N8 | (647) 470-9183 | colin.lin@mail.utoronto.ca
<https://www.linkedin.com/in/colin-lin-2001/> | <https://colinlin.netlify.app/>

Skills and Abilities

- Proficiency in **HTML**, **CSS**, and **JavaScript** demonstrated through the development of several successful web applications for high profile clients such as RBC, Scotiabank, and Citizens Bank
- Familiarity with developing **RESTful APIs** using **Python** and **Flask**
- Strong knowledge of modern frameworks such as **React**, **Gatsby**, and **Electron**
- Experience working in **Agile Scrum** teams as a Software developer at Cineplex Digital Media
- Experience managing large **MySQL** and **MongoDB** databases

Education

University of Toronto

September 2019 – Present

Honours Bachelor of Science, Computer Science Co-op

- **GPA:** 3.93

Work Experience

UofT Hatchery

Toronto, ON

Software Engineer

May 2021 - Present

- Developed time-saving tools for the administrator dashboard using **Vue.js**, **PHP**, and **WordPress**
- Worked closely with senior developers to find and resolve bugs on the website
- Designed **MySQL** database schemas to store user data and survey responses

Cineplex Digital Media

Toronto, ON

Software Developer

September 2020 – April 2021

- Led the development of custom **web applications** and digital signage for RBC, Citizens, and Scotiabank
- Adapted **HTML**, **CSS**, and **JavaScript** projects to serve different countries, currencies, and languages
- Reduced maintenance cost by 90% by rebuilding a legacy application using **React**
- Worked closely with creative teams to convert designs and requirements to interactive applications

Projects

Discord Reminder Bot REST API

August 2020 – September 2020

<https://github.com/l3n0ire/FlaskREST>

- Developed a **REST API** using **Python** and **Flask** for developers to interact with my Discord reminder bot
- Utilized asynchronous **Python** functions along with discord.py API to provide instant responses to users
- Carefully managed **Python** threads to send reminders to users at the times they specify
- Improved search efficiency by 25% by reducing redundancies in **MongoDB** queries

CourierU

May 2020 – July 2020

<https://courieru.herokuapp.com/>

- Developed a web app for foodbanks to coordinate volunteer deliveries during the COVID-19 pandemic
- Generated optimized delivery routes and map visuals by integrating Mapbox REST API with frontend
- Implemented a fast and scalable database solution serving over 100 users using **MySQL**
- Carefully designed Node.js **REST API** to maximize code reuse, and optimize performance