

# Colin Lin

125 Highhill Drive, Toronto, ON M1T1N8

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## Skills and Abilities

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- Proficiency in HTML5, CSS3 and JavaScript demonstrated through the development of several successful web applications
- Strong knowledge of modern front-end frameworks such as Bootstrap, React, Gatsby and GraphQL
- Experience with backend frameworks like NodeJS, ExpressJS and databases such as MongoDB
- Familiarity with integrating RESTful web services and developing backend APIs
- Excellent empathetic communication skills developed as a Tutor for Tutor Doctor
- Robust teamwork skills demonstrated through a collective effort to lead and organize lessons for YMCA members as an assistant aquatics instructor

## Education

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### University of Toronto Scarborough

September 2019 – Present

Honours Bachelor of Science, Computer Science Co-op

## Projects

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### CourierU

May 2020 – Present

Freelance, Toronto, ON

<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 API with the frontend
- Maintained a consistent design language and optimized the user interface for different screen sizes using the Bootstrap library
- Carefully designed backend API to maximize code reuse, performance, and functionality

### Success Stories of New Canadians

November 2019 - Present

Freelance, Toronto, ON

<https://success-stories-of-new-canadians.netlify.app/>

- Designed a modern, and responsive web application using React and Gatsby frameworks, as well as HTML, and CSS3
- Reduced loading times and data fetching redundancies using GraphQL queries
- Implemented a low-cost and scalable hosting solution using Netlify CMS
- Organized group meetings and oversaw the progress of other team members

### Timetable Builder

August 2019 - Present

Freelance, Toronto, ON

<http://timetablebuilder.tk/>

- Developed a web application that helps students build a timetable for their courses
- Intuitive interface, modern aesthetic and reduced development time achieved through using jQuery and Bootstrap Libraries
- Optimized performance and implemented offline functionality using JavaScript and jQuery
- Accumulated small user base and received positive feedback

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## Work Experience

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### Math and Science Tutor

September 2019 – Present

Tutor Doctor of Scarborough

- Elevated student confidence in mathematics through foundation-focused teaching and positive motivation
- Improved student test scores by 10% by catering towards student learning styles and individual student needs
- Ensured a safe and comfortable environment with students, by addressing concerns, exhibiting empathy and understanding the students' situation

### Aquatics Assistant Instructor

September 2017 – June 2019

Scarborough Town Center YMCA

- Collaborated with instructors to organize swim lessons catered towards beginners
- Helped students overcome their fear of deep-water swimming by building their stroke form and technique
- Enabled the entire class to advance to the next level through technique-focused shallow water exercises