

# AKIKI LIANG

[akiki.liang@gmail.com](mailto:akiki.liang@gmail.com) | 647-995-9089 | [linkedin.com/in/akiki-liang](https://www.linkedin.com/in/akiki-liang) | [akikiliang.com](https://akikiliang.com) | [github.com/akik-liang0](https://github.com/akik-liang0)

## EDUCATION

### University of Toronto

Honours Bachelor of Science, Major in Computer Science + Minor in Statistics

Toronto, ON

Sept 2019 – May 2024

## TECHNICAL SKILLS

**Languages & Frameworks:** JavaScript, TypeScript, C, Python, Java, HTML/CSS, React, Node.js, Express.js

**Developer Tools:** Git, Google Analytics, Google Tag Manager, Protocol Buffers, Bash

## PROFESSIONAL EXPERIENCE

### Google LLC.

Waterloo, ON (Remote)

STEP Intern

May 2021 – Aug 2021

- Added three new categories (Apps to discover, Business essentials, and Work from everywhere) with manually selected apps to the homepage of the Google Workspace Marketplace website, using **Protocol Buffers**, **JavaScript**, **Java** and various internal tools/technologies in the front-end and back-end, resulting in better organization of apps for users.
- Reordered apps in new categories to display by descending install count, using Java, causing most popular apps to show up first when clicking into the new categories' page.
- Completed the entire development process, including writing the design document proposing data structures, algorithms and the implementation of the apps reordering feature, as well as a design review with hosts.
- Added banners to the categories page of each new category using various internal tools and technologies in the front-end.

### Honeybee Hub Inc.

Toronto, ON (Remote)

Software Developer (Part-time)

Aug 2020 – Jan 2021

- Redesigned and built researcher client account dashboard using **React.js** and **TypeScript** to improve user experience and client's incentive to use the company's services.
- Collaborated with other developers to integrate payment system into researcher dashboard for monetization.
- Designed and coded a web-page containing pricing information for sponsoring research study posts.
- Pitched and researched for upcoming platform updates involving providing personalized recommendations of research studies to clients using AI (similar to YouTube's or Netflix's recommendation engines).

Software Engineer (Freelancer/Independent Contractor)

June 2020 – Aug 2020

- Designed and built (self taught) a customizable, responsive web widget with **JavaScript** and **Webpack** on the front-end to be embedded onto third party websites; directing people to select research studies featured on the company's website.
- Prototyped information tracking pixel for the widget on the back-end with **Node.js**, **Google Analytics**, and **Google Tag Manager**.
- Built final information tracking pixel for the widget with **Node.js**, and **G Suite APIs** on the back-end.
- Managed clear communication with supervisors, researched and recommended best practices for software design, and completed the project on time with excellent independence leading to return offer for full-time or part-time.

## PROJECTS

### Responsive React Website: [utcg.club/](https://utcg.club/) | Personal Project (Team, Lead)

Oct 2019 - May 2020

- Built and designed **React** components for the club website after learning **React** in less than 2 weeks.
- Spearheaded the front-end development and design of the project, taught the code base to teammates and led front-end development as a result.

## LEADERSHIP EXTRACURRICULARS

### Projects Chair | University of Toronto Computer Graphics Club (UTCG)

Oct 2019 – Jan 2021

- Worked with companies, recruiters, professors and students over different time zones to organize job fairs, workshops and other club activities.
- Created a program for students to learn about and develop Computer Graphics projects for their resumes despite the difficulties of quarantine.