

# 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 – June 2023

## TECHNICAL SKILLS

**Languages:** Python, JavaScript, TypeScript, Java, HTML/CSS, R

**Frameworks:** React, Node.js, Express.js

**Developer Tools:** Git, Google Analytics, Google Tag Manager, VS Code, Visual Studio, PyCharm, IntelliJ, Vim

## PROFESSIONAL EXPERIENCE

### Honeybee Hub Inc.

Toronto, ON (Remote)

Software Developer (Part-time)

Aug 2020 – Jan 2021

- Designed and Coded page containing pricing information for sponsoring research study posts.
- 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 of the company's product
- Pitched and did research for upcoming platform update 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, 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/)** | React, Git | Personal Project (Team, Lead)

Oct 2019 - May 2020

- Built and designed React components for club website after learning React in less than 2 weeks.
- Taught the code base to teammates and lead front-end development as a result.

**Group Sorting Optimization Algorithm** | Python | School Project (Individual)

Jan 2020 - Feb 2020

- Created a greedy algorithm to sort students into groups of 2 or more based on criteria such as relative distance, year level, relative GPA, etc. using Python and OOP.

**Statistical Analysis of Crime in Toronto Neighbourhoods** | R | School Project (Team)

Nov 2020 - Dec 2020

- Used R to visualize and predict auto theft crime in Toronto neighbourhoods.

## LEADERSHIP EXTRACURRICULARS

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

Oct 2019 – Present

- Work 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.

## INTERESTS

Painting, Martial Arts, Psychology, Philosophy, Violin

Extra: Incoming STEP Intern @ Google (Summer 2021)