

# AKIKI LIANG

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## EXPERIENCE

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### Software Developer

June 2020 - Present

*Honeybee Hub Inc.*

- Implemented various programming technologies, frameworks and APIs. Wrote clean, well documented code fit for industry standards.
- Due to NDA, I will be able to reveal more details about the product after its release (around late July/early August)

### Information Technology Co-op

July 2018 - August 2018

*Alphabroder*

- Studied server virtualization and various security strategies from experienced IT professionals
- Used CMD, PowerShell, and other internal tools for Windows OS
- Communicated technical information to non-technical clients clearly and concisely

## PROJECTS

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### Responsive React Website - [utcg.club/](https://utcg.club/)

*Technologies: ReactJS, Node.js, HTML/SCSS, Git, Netlify*

- Built and designed React components for club website after learning React in less than 2 weeks.
- Gained deepest understanding of code base faster than other members of the team, taught the code base to teammates and lead front-end development as a result.

### Group Sorting Optimization Program

*Technologies: Python (3.x)*

- Created greedy algorithm to sort students into groups based on criteria such as relative distance, year level, relative GPA, etc.
- Used object orientated programming to represent students and groups as classes with hierarchy

### Statistical Analysis of Crime in Toronto Neighbourhoods

*Technologies: R, R Studio Cloud*

- Determined strength of correlation between multiple variables and high crime rate in certain neighbourhoods by calculating strength of linear association through linear regression
- Visualized and analyzed distribution of crime in Toronto neighbourhoods using box plots and bar plots based on criteria such as year, month of year, specific neighbourhood

## EDUCATION

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### University of Toronto (Toronto, Canada)

Sept 2019 - June 2023

(Honours B.Sc) Major in Computer Science, Minor in Statistics

## LANGUAGES TECHNOLOGIES

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### Languages & Frameworks

Python, JavaScript, ReactJS, Java, Node.js, R, HTML/CSS

### Tools & Others

Git, VSCode, Vim, Linux, Adobe XD, LaTeX