

AKIKI LIANG

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EXPERIENCE

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

Responsive React Website - 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

University of Toronto (Toronto, Canada)

Sept 2019 - June 2023

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

LANGUAGES TECHNOLOGIES

Languages & Frameworks

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

Tools & Others

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