

# Kenny Miu

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## Languages and Frameworks

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Flutter, Dart, React, Python, NodeJS, JavaScript, Kubernetes, Swift, MATLAB

## Work Experience

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**Mobile Developer** (Honeybee Hub, Toronto ON, Canada)

Jan 2021 – Apr 2021

**Flutter, Dart, MongoDB, Google Cloud Platform**

- Led an agile team in developing and structuring a user-profile data collection system
- Designed a referral system resulting in a 300% increase in user interactions over one month
- Programmed an endpoint in NodeJS and redesigned home page of the app in Dart to generate and display targeted studies with a recommendation engine
- Coordinated with the UI/UX team to ensure all profile questions asked were inclusive

**Full Stack Developer** (Honeybee Hub, Toronto ON, Canada)

May 2020 – Aug 2020

**React, NodeJS, Typescript, MongoDB, Express**

- Developed an admin page that displays key performance indicators and handles services such as sending custom push notifications to encourage user participation
- Designed and programmed a survey builder and survey responder for researcher prescreening
- Built features including drag and droppable questions, response logic and validation checks, and autosaving
- Created and integrated all related APIs such as creating, updating, searching, and deleting surveys and responses

## Projects

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**iOS App Development** (St. Augustine CHS, Markham ON, Canada)

Sep 2018 – Jun 2019

**Swift, Objective C, XCode, Simulator, Firebase Database**

- Self-taught and programmed the app which is used by over 85% of the student population
- Built features including push notifications for office and class announcements, a centralized list of all school clubs, and a daily cafeteria menu which can be updated by staff
- Managed the transition of project by ensuring new team had good synergy

## Personal Website

**React, JavaScript, Netlify**

- Used React Router and the SPA architecture to instantly switch between subpages
- Configured Netlify to accept deploys straight from GitHub to allow for quick modification

## Education

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**University of Waterloo** (Waterloo, ON, Canada)

Sep 2019 - present

Candidate for BAsC, Nanotechnology Engineering