Kenny Miu

kennymiu2@gmail.com

+1 (647) 863-1337

kennymiu.com

github.com/kmiu2

linkedin.com/in/kennymiu/

Languages and Frameworks

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

Work Experience

Mobile Developer (Honeybee Hub, Toronto ON)   Jan 2021 – Apr 2021
Flutter, Dart, MongoDB, Google Cloud Platform
- Lead an agile team in developing and structuring a profile data collection system. Coordinated with the UI/UX team to ensure all questions were inclusive
- Integrated a referral system resulting in a 300% increase in user interactions over one month
- Programmed both backend and mobile codebases to display targeted studies generated by a recommendation engine

Full Stack Developer (Honeybee Hub, Toronto ON)   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
- Builder features include 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

iOS App Development (St. Augustine CHS, Markham ON)   Sep 2018 – Jun 2019
Swift, Objective C, XCode, Simulator, Firebase Database
- Self-taught and programmed the entire school app while maintaining a 95% average
- Features include push notifications for office and class announcements and a centralized list of all school clubs and their personalized club page
- Managed transition of project and onboarded new team. Ensured new team had good synergy

Personal Website
React, JavaScript, Netlify
- Showcases recent projects and interests
- Deploys from GitHub to allow for quick modification

Education

University of Waterloo (Waterloo, Canada)   Sep 2019 - Apr 2024
Candidate for BASc degree in Nanotechnology Engineering