

# Menushka Weeratunga

## Software Engineer

🏠 [menushka.ca](http://menushka.ca) 🌐 [menushka](https://menushka.ca) [in](https://www.linkedin.com/in/menushkaweeratunga) [menushkaweeratunga](https://www.linkedin.com/in/menushkaweeratunga)  
✉ [contact@menushka.ca](mailto:contact@menushka.ca) ☎ (226) 350-5350

### EXPERIENCE

---

#### iOS Software Engineer

Loop Team | San Francisco, CA (Remote) | Sept 2019 - Present

- Built iOS application from the ground up based on design mocks and engineering specifications
- Communicated with product and design teams to ensure feature parity between mobile and desktop applications
- Developed and maintained proper development pipeline with CI and CD using GitFlow, Bitrise and TestFlight
- Assist front-end web / Electron team occasionally with bug fixes and feature development for React and Redux based application
- Developed both native applications and native libraries for Node.js for macOS

#### Software Developer

TapLane | Windsor, ON | April 2016 - Sept 2019

- Developed new features and fix bugs simultaneously for 16 Android applications, maintaining a user base of 5 million users
- Led development of multiplayer server built in Node.js using Typescript and Socket.io
- Migrated code, assets and features from Android to iOS by building automation scripts for parity between platforms
- Created internal Javascript and PHP scripts to automate over 100+ hours of work

### PROJECTS

---

#### LubDub

SpartaHack 2017 | Detroit, MI | 2nd Place Award

A minimalist web application built in pure HTML/CSS/Javascript to diagnose potential deadly heart conditions using only a waveform recorded using a stethoscope from the patients heart.

#### Relay

MHacks 2016 | Detroit, MI | Best Use of Linode Services Award

An Android application and web back-end designed to replace the current emergency system with automatic geolocation, instant patient information and a simplistic UI for quick response.

#### commandSMS

UofTHack 2016 | Toronto, ON | Best Use of Twilio API Award

An Android application and NPM package allowing users to control a remote server over SMS using a terminal-style interface.

### TECHNICAL SKILLS

---

#### Mobile Development

Native and web based development

- Native iOS development in both Objective C and Swift with familiarity with development tools like XcodeGen, Cocoapods and SwiftLint
- Native Android development in Java using development tools like Gradle
- Minor experience with web based development using React Native to build hybrid style applications

#### Web Development

Client and server development

- Extensive experience with web frameworks like React, React-Redux, Angular 5 and Vue.js in both Javascript and Typescript
- Server and restful API development using frameworks like Express.js or Socket.io with both MySQL and MongoDB
- Adept with common web development technologies like Node.js and Electron

#### Other

Machine learning, reverse engineering and game development

- High-level machine learning and deep learning using Tensorflow 2.0 and Python 3
- ARM disassembly for iOS reverse engineering
- Unity development, for both mobile and desktop platforms, using C# for simulation and gaming applications
- Expertise with common development tool like Docker, VirtualEnv, Git and linting tools

### EDUCATION

---

#### B.ASc in Electrical Engineering

University of Windsor | Windsor, ON | Sept 2015 - August 2019

- Dean's Scholarship Award - 90% Entrance average
- John William Beveridge Award - Academic merit and community involvement
- Outstanding Scholars Member - Top 5% in University

#### Machine Learning

Coursera | Online | October 2018

- License 5DBW7H3R296A