



# Brian Lin

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## // EDUCATION //

### **University of Michigan** / Ann Arbor, MI

- Bachelor of Science in Engineering, **Computer Engineering** / GPA 3.330
- **Dean's Honor List**, Fall 2018

Expected Graduation: April 2021

**Agile Development** (JIRA/Scrum)  
**Continuous Integration** (CI/CD)  
**iOS Accessibility** / ADA Compliance

**C++ / Objective-C / Swift**  
**Unit Testing / Code Coverage**  
**Quality Assurance (QA)**

**Release Cycle Management**  
**Shell / MATLAB Scripting**  
**Code Review / Source Control**

## // SKILLS //

## // EXPERIENCE //

### **Apple** / Cupertino, CA

January 2019 - Present

#### **Software Engineering Intern, Co-Op**

- Work in Field Systems Diagnostics Engineering to develop field and embedded software that perform comprehensive diagnosis and critical analysis of Apple products
- Architect, develop, and deploy software that drive fraud detection fixtures in production factories and repair centers
- Prototype and design circuits to integrate sensors into hardware IO boards and controllers

### **WW (formerly Weight Watchers)** / New York, NY

May 2018 – August 2018

#### **iOS Software Engineering Intern**

- Actively worked in Agile software development cycles for two product engineering teams
- Ensured compliance with the American with Disabilities Act (ADA) and General Data Protection Regulation (GDPR)
- Maintained the Top Ranked Health and Fitness App by releasing bi-weekly updates to the App Store
- Engaged in code reviews, created formal pull requests, and submitted builds for Quality Assurance (QA) testing

### **Emerging Technologies Group** / Ann Arbor, MI

January 2018 - Present

#### **iOS Software Developer**

- Develop Innovative Augmented Reality (AR) solutions for iOS and assist students interested in AR
- Utilize computer vision and AR to make buildings interactive through real world markers with embedded Quick Response (QR) code and other symbols

### **iOS Development** / San Jose, CA

July 2011 - Present

#### **Independent iOS Software Developer**

- Actively develop and publish apps of various functions by participating in hackathons and other events
- Utilize tools such as Git, CircleCI, CocoaPods, and Fastlane for efficiency in development

## // NOTEWORTHY AWARDS //

### **Winner** / MHacksX @ University of Michigan / Best Financial Hack

September 2017

### **Winner** / PennApps XV @ University of Pennsylvania / Best Education Hack & 1517 Grant

January 2017

### **Recipient** / Apple / Worldwide Developer Conference (WWDC) Scholarship

June 2013, June 2014

## // Recent Projects //

### **Reko** / PennApps XVIII

Utilized Machine Learning to create a revolutionary platform for career fairs. Peer-to-Peer web socket communication between iOS devices.

#### **Check it out:**

<https://devpost.com/software/reko>

### **Guru** / PennApps XV

Revamped livestreaming instructional technology to instantaneously connect students with a professional tutor in an enhanced platform with a live on-screen whiteboard for collaboration.

#### **Check it out:**

<https://devpost.com/software/guru-0pzsr1>

### **WikiWiki** / Mhacks 11

Simplified decision making through grass-root polling tailored for individual users, powered by Machine Learning Algorithms.

#### **Check it out:**

<https://devpost.com/software/wiki-wiki>