



# Brian Lin

Computer Engineer / [brianpoanlin.com](http://brianpoanlin.com) / [pblin@umich.edu](mailto:pblin@umich.edu) / (408) 921-9880

## // EDUCATION //

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

Expected Graduation: April 2021

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

## // SKILLS //

**Agile Development** (JIRA/Scrum)

**C++** / Objective-C / Swift

**Release Cycle** Management

**Continuous Integration** (CI/CD)

**Unit Testing** / Code Coverage

**Shell** / MATLAB Scripting

**iOS Accessibility** / ADA Compliance

**Quality Assurance** (QA)

**Code Review** / Source Control

## // 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>