

# BRIAN LIN / SOFTWARE ENGINEER / PBLIN@UMICH.EDU / BRIANPOANLIN.COM

## // EDUCATION //



**UNIVERSITY OF MICHIGAN** | ANN ARBOR, MI  
**Bachelor of Science in Engineering, Computer Engineering** / GPA 3.3

Expected Graduation: April 2021

**LYNBROOK HIGH SCHOOL** | SAN JOSE, CA  
**Valedictorian** / Unweighted GPA 4.0

Graduation: June 2017

## // EXPERIENCE //



**WEIGHT WATCHERS** | NEW YORK, NY  
**iOS Software Engineering Intern**

May 2018 – August 2018

- Actively worked in Agile software development sprints for two product engineering teams
- Wrote well-architected code in Swift, built prototypes, and delivered features to millions of users
- Utilized automation tools like Circle CI, Fastlane, HockeyApp for Continuous Integration and compiling test builds
- Ensured compliance with the American with Disabilities Act (ADA) and General Data Protection Regulation (GDPR)

**Weight Watchers iOS App** | New York, NY

May 2018 – August 2018

- Maintained the Top Ranked Health and Fitness App by releasing bi-weekly updates to the App Store
- Wrote unit and integration tests to increase respective frameworks' code coverage by 10%
- Engaged in code reviews, created pull requests, and submitted builds for Quality Assurance (QA) testing



**EMERGING TECHNOLOGIES GROUP** | ANN ARBOR, MI  
**iOS Developer / Computer Consultant - GroundWorks Lab**

Jan 2018 – Present

- 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



**SUBBER GROUP, LLC** | SAN JOSE, CA  
**Software Developer**

August 2015 – November 2016

- Developed the company's responsive website using HTML, CSS, and JavaScript



**IOS DEVELOPMENT** | SAN JOSE, CA  
**Independent iOS Developer**

July 2011 – Present

- 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

**Reko** | PennApps XVIII

September 2018

- Revolutionized the in-person digital data transfer experience with web sockets
- Enhanced interview experiences with Machine Learning, real time feedback, and match data
- Built with Xcode, MongoDB, NodeJS, CocoaPods, Django, Google Cloud, and Heroku

**Novesta** | MHacks X

September 2017

- Reinvented the way users invest in Cryptocurrencies in a competitive, interesting, and low-risk environment, educating students about the essentials of investing
- Built with Xcode, Firebase, NodeJS, Coinbase API, and Heroku

**Guru** | PennApps XV

January 2017

- Revamped live streaming instructional technology to instantaneously connect students with professional tutors into a learning session enhanced by a live-update onscreen white board
- Built with Xcode, Parse Server, Parse LiveQuery, Twilio Video API, and OneSignal Push Notifications

## // AWARDS //

**SEMI-FINALIST – PENNAPPS XVIII, UNIVERSITY OF PENNSYLVANIA** | BEST CAMPUS LIFE HACK

September 2018

**WINNER – MHACKS X, UNIVERSITY OF MICHIGAN** | BEST FINANCIAL HACK

September 2017

**FINALIST – BLUE OCEAN ENTREPRENEURSHIP COMPETITION** | 3<sup>RD</sup> PLACE

April 2017

**WINNER – PENNAPPS XV, UNIVERSITY OF PENNSYLVANIA** | BEST EDUCATION HACK & 1517 GRANT

January 2017

**APPLE WORLDWIDE DEVELOPER CONFERENCE (WWDC) SCHOLARSHIP** | RECIPIENT

June 2013, June 2014

## // RELEVANT COURSEWORK //

**ENGR 100** Introduction to Engineering

**EECS 203** Discreet Mathematics

**ENGR 101** Introduction to Computer Programming

**PHYS 240** Physics II - Electricity and Magnetism

**EECS 215** Introduction to Electrical Circuits

**MATH 215** Calculus III - Multivariable Calculus

**EECS 280** Programming & Introductory Data Structures

**MATH 216** Calculus IV - Introductory Differential Equations

## // SKILLS //

**Agile, Scrum (JIRA)** and **Continuous Integration (CircleCI)**

**Swift, Objective-C, HTML/CSS, MatLab,** and **C++.**