

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

LYNBOOK HIGH SCHOOL | SAN JOSE, CA

Valedictorian / Unweighted GPA 4.0

Graduation: June 2017

// EXPERIENCE //



WEIGHT WATCHERS | NEW YORK, NY

May 2018 – August 2018

iOS Software Engineering Intern

- 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

Jan 2018 – Present

iOS Developer / Computer Consultant - GroundWorks Lab

- 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

August 2015 – November 2016

Software Developer

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



IOS DEVELOPMENT | SAN JOSE, CA

July 2011 – Present

Independent iOS 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

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, UNIVERSTY OF MICHIGAN | BEST FINANCIAL HACK

September 2017

FINALIST – BLUE OCEAN ENTREPRENEURSHIP COMPETITION | 3RD 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 Discrete 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++.