

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

## // EDUCATION //



**UNIVERSITY OF MICHIGAN** | ANN ARBOR, MI

**Bachelor of Science in Engineering, Computer Engineering**

Expected Graduation: April 2021

**LYN BROOK HIGH SCHOOL** | SAN JOSE, CA

**Valedictorian, Unweighted GPA 4.0**

Graduation: June 2017

## // EXPERIENCE //



**WEIGHT WATCHERS** | NEW YORK, NY

May 2018 – Present

**iOS Software Engineering Intern**

- Actively work in Agile Software Development cycles in a product engineering team
- Write well-architected code in Swift, build prototypes, and deliver features to millions of users
- Work with the Quality Assurance (QA) team and the User Interface / User Experience team for build review
- Ensure 80% coverage on new code and increased respective frameworks' code coverage by 10%
- Comply with the American with Disabilities Act (ADA) and General Data Protection Regulation (GDPR)

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

May 2018 – Present

- Maintain the Top Ranked Health and Fitness App by releasing bi-weekly updates to the App Store
- Engage in code reviews, create pull requests, and ensure Continuous Integration in source code



**EMERGING TECHNOLOGIES GROUP, UNIVERSITY OF MICHIGAN** | ANN ARBOR, MI

Jan 2018 – Present

**Ground Works Lab Computer Developer and Consultant - iOS**

- 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 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

**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

**Auxilium** | Los Altos Hacks II

March 2017

- Utilized grass root implementation and push notifications to efficiently and effectively connect ordinary people to various volunteering opportunities based on their physical location
- Built with Xcode, Firebase, and OneSignal Push Notifications



**JOHNS HOPKINS UNIVERSITY** | BALTIMORE, MD

July 2016 – August 2016

**Selective Summer Program Student**

- Worked with world-class staff and researchers to gain a deeper understanding of various fields of engineering

## // AWARDS //

**WINNER OF UNIVERSITY OF MICHIGAN'S MHACKS X** | BEST FINANCIAL HACK

September 2017

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

April 2017

**WINNER OF UNIVERSITY OF PENNSYLVANIA'S PENNAPPS XV** | BEST EDUCATION HACK & 1517 GRANT

January 2017

**WINNER OF HACKING GENERATION Y** | BEST NO-SQL DATABASE INTEGRATION

January 2015

**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 //

Fluent in **Mandarin Chinese** and Intermediate in **French**.

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