

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

## // EDUCATION //

**UNIVERSITY OF MICHIGAN** | ANN ARBOR, MI  
*Bachelor of Science in Engineering, Computer Engineering*  
**LYN BROOK HIGH SCHOOL** | SAN JOSE, CA  
*Class of 2017 Valedictorian, Unweighted GPA 4.0*

Expected Graduation: April 2021  
Graduation: June 2017

## // AWARDS //

<b>WINNER OF UNIVERSITY OF MICHIGAN'S MHACKS X</b>   BEST FINANCIAL HACK	September 2017
<b>FINALIST OF BLUE OCEAN ENTREPRENEURSHIP COMPETITION</b>   3 <sup>RD</sup> PLACE	April 2017
<b>WINNER OF UNIVERSITY OF PENNSYLVANIA'S PENNAPPS XV</b>   BEST EDUCATION HACK & 1517 GRANT	January 2017
<b>WINNER OF HACKING GENERATION Y</b>   BEST NO-SQL DATABASE INTEGRATION	January 2015
<b>APPLE WORLDWIDE DEVELOPER CONFERENCE (WWDC) SCHOLARSHIP</b>   RECIPIENT	June 2013, June 2014

## // EXPERIENCE //

**WEIGHT WATCHERS INTERNATIONAL** | NEW YORK, NY  
*iOS Software Engineer - Summer Intern 2018*  
• Write clean, well-architected, self-documenting code in Swift, build prototypes, solve problems, and deliver features that improve the lives of millions of Weight Watchers users.

**Weight Watchers iOS App** | New York, NY  
• Actively maintain the #9 Health and Fitness App on the App Store with over 3 million users.  
• Engage in code reviews, create pull requests, and solicit proper approvals for branch merge.

**EMERGING TECHNOLOGIES GROUP, UNIVERSITY OF MICHIGAN** | ANN ARBOR, MI  
*GroundWorks Lab Computer Consultant, Millennium Project Consultant*  
• Develop innovative Augmented Reality (AR) solutions for iOS devices and assist students interested in AR

**Michigan Augmented Reality Project** | Ann Arbor, MI  
• Utilize computer vision and AR to make buildings interactive through real world markers with embedded QR code and other symbols.  
• Built with Xcode, VisionKit, ARKit, SceneKit, SpriteKit, and CoreImage.

**IOS DEVELOPMENT** | SAN JOSE, CA  
*Independent Developer*  
• Actively develop and publish apps of various functions by participating in hackathons and other events

**Novesta** | MHacks X  
• 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 Database, NodeJS, CoinBase API, and Heroku

**Guru** | PennApps XV  
• 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  
• 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 Database, and OneSignal Push Notifications

**JOHNS HOPKINS UNIVERSITY** | BALTIMORE, MD  
*Selective Summer Program Student*  
• Worked with instructional staff to gain a deeper understanding of various fields of engineering

## // RELEVANT COURSEWORK //

<b>ENGR 100</b> Introduction to Engineering	<b>EECS 203</b> Discrete Mathematics
<b>ENGR 101</b> Introduction to Computer Programming	<b>PHYS 240</b> Physics II - Electricity and Magnetism
<b>EECS 215</b> Introduction to Electrical Circuits	<b>MATH 215</b> Calculus III - Multivariable Calculus
<b>EECS 280</b> Programming & Introductory Data Structures	<b>MATH 216</b> Calculus IV - Introductory Differential Equations

## // SKILLS //

Fluent in **Mandarin Chinese** and Intermediate in **French**. Fluent in **Swift, Objective-C, HTML/CSS, MatLab**, and **C++**.