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

// EDUCATION //

UNIVERSITY OF MICHIGAN | ANN ARBOR, MI   Expected Graduation: April 2021
Bachelor of Science in Engineering, Computer Engineering

LYNBROOK HIGH SCHOOL | SAN JOSE, CA   Graduation: June 2017
Class of 2017 Valedictorian, Unweighted GPA 4.0

// AWARDS //

WINNER OF UNIVERSITY OF MICHIGAN'S MHACKS X | BEST FINANCIAL HACK   September 2017

FINALIST OF BLUE OCEAN ENTREPRENEURSHIP COMPETITION | 3RD 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 DATABSE INTEGRATION   January 2015

APPLE WORLDWIDE DEVELOPER CONFERENCE (WWDC) SCHOLARSHIP | RECIPIENT   June 2013, June 2014

// EXPERIENCE //

WEIGHT WATCHERS | NEW YORK, NY   May 2018 – Present
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.
• Engage in code reviews, create pull requests, and solicit proper approvals for merge.

Emerging Technologies Group, University of Michigan | Ann Arbor, MI   Jan 2018 – Present
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   Jan 2018 - Present
- 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   July 2011 – Present
Independent Developer
• Actively develop and publish apps of various functions by participating in hackathons and other events

    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 Database, 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 Database, and OneSignal Push Notifications

    Foonu | HSHacks II   March 2015
- Reformed the way users track daily calorie intake through images of the wrapper
- Built with Xcode, CamFind OCR API, and Tesseract OCR

    OnTime | Hacking Generation Y   February 2015
- Transformed reminder systems to send out reminder notifications based on user's current location
- Built with Xcode, Couchbase Database, Couchbase Server, Couchbase LiveQuery, and Foursquare API

SUBBER GROUP, LLC | SAN JOSE, CA   August 2015 – November 2016
Software Developer
• Developed the company's website with HTML/CSS, JavaScript, and Sublime

JOHNS HOPKINS UNIVERSITY | BALTIMORE, MD   July 2016 – August 2016
Selective Summer Program Student
• Worked with instructional staff to gain a deeper understanding of various fields of engineering

// SKILLS //

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