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

// EXPERIENCE //

WEIGHT WATCHERS | NEW YORK, NY May 2018 – Present
iOS Software Engineering Intern
• Actively work in Agile Software Development cycles by communicating with team manager, product manager, senior engineer, user experience designer, and scrum master in each Sprint
• Write well-architected code in Swift, build prototypes, and deliver features that comply with the General Data Protection Regulation (GDPR) and the American with Disabilities Act (ADA)

  Weight Watchers iOS App | New York, NY May 2018 – Present
  • Maintain the #9 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 control

EMERGING TECHNOLOGIES GROUP, UNIVERSITY OF MICHIGAN | ANN ARBOR, MI Jan 2018 – Present
Ground Works Lab Computer Developer and Consultant
• 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
• Develop with VisionKit, ARKit, SceneKit, SpriteKit, CoreImage, and Xcode

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
• 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 | 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

// 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 //

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