

// EDUCATION //

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

Expected Graduation: April 2021

Graduation: June 2017

// 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 DATABASE INTEGRATION January 2015
APPLE WORLDWIDE DEVELOPER CONFERENCE (WWDC) SCHOLARSHIP | RECIPIENT June 2013, June 2014

// EXPERIENCE //

WEIGHT WATCHERS INTERNATIONAL | 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.

Weight Watchers iOS App | New York, NY May 2018 – Present
• 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 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 Feb 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

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

// 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++**.