

EDUCATION

UNIVERSITY OF MICHIGAN • ANN ARBOR, MI Expected Graduation: APRIL 2021
Degree: Computer Engineering B.S.E

LYNBROOK HIGH SCHOOL • SAN JOSE, CA Graduation: JUNE 2017
Unweighted GPA 4.0 – Class of 2017 Valedictorian

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

GROUNDWORKS LAB, UNIVERSITY OF MICHIGAN | EMERGING TECHNOLOGY GROUP JAN 2018 – PRESENT
Ann Arbor, MI • Develop innovative Augmented Reality (AR) solutions for iOS devices and assist other students interested in the technology. Focused on educational classroom interactive technology.

IOS DEVELOPER | INDEPENDENT DEVELOPER JULY 2011 – PRESENT
San Jose, CA • 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.

NOW AND FOREVER STUDIOS | PROFESSIONAL PHOTOGRAPHER JUNE 2017 – AUGUST 2017
Los Gatos, CA • Photographed and worked with over 4000 clients on their school portraits.

SUBBER GROUP, LLC | SOFTWARE DEVELOPER AUGUST 2015 – NOVEMBER 2016
San Jose, CA • Developed the company's website with HTML/CSS, JavaScript, and Sublime.

JOHNS HOPKINS UNIVERSITY | SELECTIVE SUMMER PROGRAM STUDENT JULY 2016 – AUGUST 2016
Baltimore, MD • Worked with instructional staff to gain a deeper understanding of various fields of engineering.

LEADERSHIP

BOARD MEMBER | MICHIGAN TAIWANESE AMERICAN STUDENT ASSOCIATION SEPTEMBER 2017 - PRESENT

HEAD CHURCH GROUP LEADER | SARATOGA 1 ZONE AUGUST 2014 – JUNE 2017

VICE PRESIDENT | LYNBROOK BUILD (MOBILE APPLICATIONS DEVELOPMENT CLUB) AUGUST 2015 – JUNE 2017

PROMOTIONS HEAD | THE LYBROOK BLUE PEARL JAZZ DANCE COMMITTEE AUGUST 2014 – FEBRUARY 2017

HEAD DRUM MAJOR | BANDS OF AMERICA FINALIST, LYNBROOK HS MARCHING BAND AUGUST 2014 – DECEMBER 2016

FOREIGN LANGUAGES

Fluent in Mandarin Chinese and Intermediate in French.

TECHNICAL LANGUAGES

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