

EDUCATION

University of Southern California | **Undergraduate Class of 2020**

B.S Computer Science, GPA: 3.6

Relevant Coursework: Data Structures and Object Oriented Design, Introduction to Computer Systems, Principles of Software Development, Introduction to Algorithms and Theory of Computing, Intro to AI, Professional C++, Operating Systems

WORK EXPERIENCE

Summer 2019 SOFTWARE ENGINEERING INTERN: Microsoft
Intern on the Azure IoT Central team. Worked on features with the full time team. Built back-end functionality to include missing data from an IoT central application during application copy and template creation. Took in feedback to write production quality code that was merged into production for customer use.

Summer 2018 EXPLORER INTERN : Microsoft
Interned on the Storefronts/Merchandising team in the Universal Store. My project was an internal dashboard that assessed website accessibility- this product was shipped that fall (React.js, C#, Express.js)

Fall 2018 COURSE PRODUCER: Fundamentals of Computation
Undergraduate TA for CSCI 102. Hold weekly office hours to tutor students, lead weekly labs, grade assignments and exams.

TECHNICAL PROJECTS

Spring 2017 IMITATION AMAZON
Mock Amazon C++ application with user login functionality, cart/purchase functionality, and a product recommendations option that implemented Dijkstra's algorithm. (C++)

Fall 2017 INTERNSCONNECT
Web application for an internship searching and organizing tool. (jQuery, Java, CSS, HTML, MongoDB)

Spring 2018 SIXTY SIX (Won "Best Demo" from LavaLab)
Back-end developer for a habit building iOS application. Users can keep track of their habits/goals through visual organization and connect with others on the community page. (Swift, Node/Express.js, MongoDB, Mongoose) Website: <https://mai-nhien.github.io/sixtysix.html>
I was responsible for

- Building an Express.js server that handled back-end functionality and requests
- Creating and maintaining the database

AWARDS

- Presidential Merit Scholar at the University of Southern California
- Recipient of the Intel Scholarship for Employee's Children
- Dean's List
- Best Demo- USC LavaLab Demo Night

ACTIVITIES

Scope Eboard

On the events/planning team of Scope (scopeusc.com), a computer science club where members build projects as part of a new curriculum taught by Eboard each semester. This semester, the topic is Flutter.

LavaLab

Member of LavaLab, USC's product incubator and startup community. Our team worked on a habit building app called sixty six.

Joint Education

I was on a team of USC students that taught computer science lessons at an elementary school.

LANGUAGES/ TECHNOLOGIES

- **Proficient:** C++, HTML, CSS, Java, JavaScript, Node, Express.js, React.js, TypeScript
- **Familiar:** MongoDB, Mongoose, jQuery, SQL, Azure services, Docker