

Mai-Nhien Dang

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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, Linear Algebra, Principles of Software Development, Introduction to Algorithms and Theory of Computing

Current Coursework: Introduction to AI, Professional C++

WORK EXPERIENCE

Summer 2018 EXPLORER INTERN : Microsoft

Intern on the Storefronts/Merchandising team in the Universal Store. The details of my project are confidential, but it was an internal dashboard that assessed website accessibility- this product will be shipped in the fall (React.js, C#, Express.js)

Fall 2018 COURSE PRODUCER: Fundamentals of Computation

Undergraduate TA for CSCI 102 at the University of Southern California. Held weekly office hours to tutor students, led weekly discussions/labs, graded 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. Login functionality for users, guests, and companies. Student users can search the database of internships (mongoDB), save them into their Google calendar. (jQuery, Java, CSS, HTML)

Spring 2018 SIXTY SIX (Won "Best Demo" from LavaLab)

I was the 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 (provides support/accountability). (Swift, Node/Express.js, MongoDB, Mongoose) Website: <https://mai-nhien.github.io/sixtysix.html>

Role: 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 Electron.

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, JavaScript. Node, Express.js, React.js
- **Familiar:** MongoDB, Mongoose, jQuery, SQL, Azure services
- **Some experience:** MIPS Assembly