

# Thu Nguyen

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## EDUCATION

### University of California, Irvine

Sep. 2019 – June 2023

*B.S. in Computer Science*

*Irvine, CA*

- Regents' Scholarship: Most distinguished merit scholarship awarded by the University of California (4 years)
- Dean's Honor List (8 quarters)

## EXPERIENCE

### Full Stack Software Engineer

Sep. 2022 – June 2023

*University of California, Irvine*

*Irvine, CA*

- Developed full-stack web applications using PHP Laravel and Vue.js that served thousands of users.
- Implemented and maintained RESTful APIs and relational databases using MySQL.
- Diagnosed and fixed functional bugs within strict deadlines.
- Designed 10+ responsive feature mockups and wrote design documents based on stakeholder requirements.
- Wrote 50+ backend and frontend tests to verify interface and database connectivity.
- Spearheaded end-to-end automated testing process with Cypress.
- Followed test-driven development and Agile methodology.
- Mentored 3 junior developers through code reviews and pair programming.

## PROJECTS

### Food For Thought | *TypeScript, CSS, React, Ionic, Firebase, Git*

Jan. – March 2023

- Collaborated with a team to build a meal recommendation mobile app.
- Developed a recommendation algorithm based on live data and personal diet goals.
- Utilized React and Ionic components to build an interface pertaining to user flows and wireframes.
- Implemented user authentication and populated an extensive meal database using Firebase.
- Retrieved restaurant data from the Yelp Fusion API to enhance recommendation system.

### Spotify Browser | *Angular, JavaScript, HTML, CSS, Node.js*

Sep. – Dec. 2022

- Developed a web app to browse music, artists, and albums by connecting to the Spotify API.
- Incorporated Handtrack.js, a hand detection library, to enable app interaction through hand movements.
- Utilized Bootstrap components to form a cohesive, user-friendly interface across multiple pages.

### Socrates | *React Native, Firebase, Git*

April – June 2022

- Researched methods to gamify a mobile app for journaling and mental wellness.
- Designed the gamification strategy and user interface based on user feedback.
- Connected gamified frontend to the backend database (streaks and rewards).

## LEADERSHIP EXPERIENCE

### Director of Media

June 2021 – June 2023

*Theta Tau, Professional Engineering Fraternity*

*Irvine, CA*

- Updated website with new elements and content using HTML and CSS.
- Created 40+ graphic deliverables across 3 platforms for marketing.
- Oversaw the creative content for the organization's recruitment campaigns, doubling the turnout.

## TECHNICAL SKILLS

**Languages:** Java, Python, C/C++, JavaScript, HTML/CSS, TypeScript, PHP, SQL, R

**Frameworks/Libraries:** Laravel, React, React Native, Vue.js, Angular, Ionic, jQuery, Bootstrap, Cypress, JUnit, Matplotlib, NumPy, scikit-learn

**Tools:** Git, VS Code, PhpStorm, DataGrip, PyCharm, Eclipse, MySQL, Firebase, Linux, Adobe Creative Cloud, Figma