

# Khoa Nguyen

## Computer Science, Major

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Santa Ana, CA

[Portfolio](#)

[Linkedin](#)

[GitHub](#)

### Skills

JavaScript, React, Redux, C++, C#, Unity, Java, HTML, CSS, Ruby, Ruby on Rails, Mongoose, MongoDB, Node.js, Express.js, SQL, SQLite3, PostgreSQL, Webpack, jQuery, Git, Heroku, Render, Amazon Web Services (AWS), Docker, Shell Scripts

### Projects

**Tiamat** (HTML5, JavaScript, CSS3, Webpack)

[live site](#) | [github](#)

*Turn-based, team-building RPG Battle*

- Applied object-oriented programming (OOP) principles to create classes for different characters with different abilities, thus providing more depth and diversifying impactful choices.
- Employed the DOM's onclick event listeners to dictate the course of the game by circling through different game stages depending on the attack/ability chosen.

**Etchy** (JavaScript, React / Redux, Ruby on Rails, postgresSQL, CSS3, AWS, Render, Webpack)

[github](#)

*Etchy (inspired by Etsy), an online shopping full-stack website of new and artistic items for sale.*

- Leveraged Ruby on Rails Active Record associations and Amazon Web Services (AWS) to store and assign images to products, for easy and robust remote storage of data and smooth browsing experience.
- Utilized mapStateToProps to pass necessary state slices from redux store to components to reduce AJAX calls.
- Implemented the check-out feature that adds/deletes items from the current user's cart and persists cart state to PostgreSQL database upon user log out, creating a seamless user experience.

### Experience

**Software Engineer Intern** | 2022 - 2023 | San Francisco, CA

App Academy

- Guide web developer student applicants through technical interviews while assessing algorithmic thinking and providing constructive feedback.
- Conduct technical screens of coding bootcamp applicants and assess algorithmic aptitude in various languages, including JavaScript, Ruby, and Python.

**Store Clerk** | 2017 - 2020 | Irvine, CA

85C Bakery and Mitsuwa Marketplace

- Accelerated customer check-out process to increase sales and customer satisfaction, resulting in a 5-star review on Yelp and a 95%+ evaluation score.
- Applied knowledge of Vietnamese and Japanese to interact with 100 customers to increase order accuracy and customer engagement.

### Education

**Chapman University** | Fall 2023 - Current | Orange, CA | GPA: 3.98

- *Computer Science, Major*
- *Game Development, Minor*
- *2024 Spring Provost's List*

**App Academy** | Spring 2021 | San Francisco, CA

Immersive 1000-hr software development course with a focus on full-stack web development.

**Orange Coast College** | Fall 2019 | Costa Mesa, CA | Computer Science Major | GPA: 3.66