

# Ricky Ly

[lyr5@uci.edu](mailto:lyr5@uci.edu) | (562) 213-2268 | [github/rickyly1](https://github.com/rickyly1) | [linkedin/in/rickyly1](https://www.linkedin.com/in/rickyly1) | [rickyly1.github.io](https://rickyly1.github.io)

## Education

**University of California, Irvine**

Bachelor of Science in Informatics

Specialization in Human-Computer Interaction

*Graduation Date: March 2023*

*Cumulative GPA: 3.437*

## Relevant Coursework

Object-Oriented Programming, Probability and Statistics for CS, Requirements Analysis and Engineering, Human Computer Interaction, Data Structures, Software Design: Applications, Project Management, User Interaction Software, Social Analysis and Ethics of Computing, Ubiquitous Computing

## Experience

### Application Development Intern @ Heritage (Startup)

*June 2023 to August 2023*

- Built internal prototypes for language learning system using HTML, CSS, JavaScript, and NodeJS
- Utilized OpenAI ChatGPT 3.5 API to create a chatbox prototype
- Created wireframe designs and prototypes in an Agile environment

## Project Experience

### YourEdvisor (Senior Capstone Project)

*HTML/CSS/JS*

- Designed and implemented a prototype to encapsulate core processes and elements of college matriculation such as applications, counseling, and research
- Employed agile methodologies and collaborative tools (Discord, Slack, Jira, GitHub) to drive productivity and maintain project scheduling and milestones
- Selected for the 2022 Dallas Capstone Design Expo, where our product garnered industry recognition

### rickyly1.github.io (Personal Portfolio Site)

*HTML/CSS/JS, React*

- Utilized media queries to implement responsive and accessible styling across varying viewports
- Utilized HTML forms and EmailJS to create a functional contact form that communicates successful and unsuccessful calls

### Personal Blog (October 2023 - November 2023)

*Node.js, MongoDB, Express*

- Implemented user authentication and authorization features
- Designed and optimized database schemas in MongoDB to enhance data storage and retrieval efficiency
- Implemented dynamic content generation and rendering using EJS

## Skills

### Languages and Frameworks

- Python, Java, C++, HTML, CSS, Bootstrap, JavaScript, TypeScript, Ionic, SASS, Node.js, Express.js, MongoDB, React, and Angular

### Applications and Production

- Design and Development: Figma, Adobe XD, Sony VEGAS Pro, Bootstrap Studio
- Management: Discord, Slack, Git, GitHub, Atlassian/Jira
- System Requirements Development, Design and Development Cycles, Project Management, Wireframing and Prototyping, Mobile-First Design, Cost and Risk Analysis, Schedule Analysis, Scrum and Agile