

# Ethan Lin

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## EDUCATION

**University of California, Irvine**  
*Bachelor of Science in Computer Science*

**Irvine, CA**  
*June 2025*

- **Awards/Honors:** Dean's Honor List, Honors Program

## WORK EXPERIENCE

### WorkUp

**Los Angeles, CA**

*Software Engineering Intern*

*October 2024 – February 2025*

- Utilized React, JavaScript, and FireBase to develop features such as double-clicking for video likes and AI sections of WorkUp's app, ensuring seamless UI
- Engaged daily in QA procedures/tests to improve the IOS/Web versions of the app to create a flawless experience
- Wrote in-depth reports to aid developer understanding and fostered a culture of high engineering standards

### Make-A-Wish

**Irvine, CA**

*Development Intern*

*September 2024 – November 2024*

- Utilized Salesforce to track and organize sponsorships for maintaining donor relationships
- Led outreach initiatives for sponsorships and events, resulting in successful fundraising campaigns
- Crafted wish recipient stories to support external storytelling initiatives and community engagement efforts

### National Science Foundation (NSF)

**Irvine, CA**

*Research Assistant*

*June 2022 – August 2022*

- Developed a set of procedures that basic programmers can follow to analyze assembly and binary
- Worked in x86 and ARM architectures and gained familiarity with said architectures
- Analyzed assembly and binary through obfuscation and basic encryption
- Collaborated with peers to meet weekly goals whilst demonstrating leadership when groupmates needed help

## PROJECTS

### Movie Reviews AI

- Created AI agents able to interpret written audience reviews and identify sentiment polarity with ~80% accuracy
- Utilized Python, Numpy, and Pandas to train agents with a dataset of 50,000 reviews
- Implemented various algorithms, including Feedforward neural networks, Random Forest, KNN, and Logistic Regression, for optimizing accuracy

### KapeChat

- Developed an app with Fastify, Firebase, React, and TailwindCSS, which helps students network and foster mentorship and community through casual, planned coffee chats
- Implemented a fully functioning chat system with real-time chat updates and a swiping feature for networking
- Handled a majority of bug fixes and large tasks, and collaborated with a development team to meet deadlines

### PillPal

- Designed and developed an app using Flask, MySQL, React, and JavaScript to track users' medications with ease
- Integrated features that allow the user to log in and create a profile within the system to save medication iterations and enter or change specific amounts of unique medication(s)
- Developed a seamless and responsive app for users with a view of added medication(s) and medication reminders

## PROFESSIONAL SKILLS

- Java, C++, Python, JavaScript, TypeScript, React, React Native, HTML/CSS, Material UI, SQL, MySQL, FireBase, SupaBase, Assembly Language, AWS, Docker, Salesforce, Teamwork, Collaboration