Ethan Lin

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EDUCATION

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

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

Movie Reviews AI
- Created multiple AI agents capable of differentiating positive and negative movie reviews 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

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