

# Ethan Lin

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## EDUCATION

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**University of California, Irvine**  
*Bachelor of Science in Computer Science*  
**Mount San Antonio College**  
*Major in Computer Science*

**Irvine, CA**  
*September 2023 - Present*  
**Walnut, CA**  
*June 2023*

- **Awards/Honors:** President's List, Honors Program

## WORK EXPERIENCE

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**WorkUp**  
*Software Quality Assurance Intern*

**Los Angeles, CA**  
*October 2024 – Present*

- Gained familiarity with QA procedures and regularly QA testing IOS/Web version of WorkUp
- Writing in-depth reports for developers to understand reasons for crashes and fostering a culture of high standards
- Developing in React, JavaScript, and FireBase to improve WorkUp's app and upon the UI before launch

**Make-A-Wish**  
*Development Intern*

**Irvine, CA**  
*September 2024 – November 2024*

- Worked and gained familiarity with SalesForce to help keep track of sponsorships and maintain relationships
- Handled the outreach of sponsorships and events while also curating Make-A-Wish kid stories

**National Science Foundation (NSF)**  
*Research Intern*

**Irvine, CA**  
*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 while demonstrating leadership when groupmates needed help

## PROJECTS

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### PillPal

- Designed and developed a full-stack app that helps users keep track of medications with tool that include Flask, MySQL, React, and JavaScript
- Provides the user with the ability to log in or create a profile within the system to save medication iteration
- Gives the user the ability to enter or change amounts of unique medications and specific amounts of each
- Shows the user a view of all added medication(s) and provides reminders for medication intake

### GoodEats

- Designed, created, and implemented a full-functioning webpage to provide users with personal curated meals
- Collaborated with group mates to build an operative webpage with Python, Flask, MySQL, React, and MaterialUI
- Enabled users to create a profile within our system that allows logins, saves their stats, and saves favorite meals
- Used Gemini AI to help generate meals and provide nutritional facts per meal

### Terminal Rock, Paper, Scissors Game

- Used C++ and its libraries to create a game of rock, paper, scissors
- Developed an AI that made a choice based on learned information of the player's choice as the rounds progressed
- Provided player the option to keep playing or end the round with player data—rounds played and rounds won

## PROFESSIONAL SKILLS

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- Java, C++, Python, JavaScript, React, HTML/CSS, Material UI, SQL, MySQL, Assembly Language, AWS, Docker, SalesForce