ASTER LI

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EDUCATION

SANTA CLARA UNIVERSITY   September 2021 - June 2025
B.S. Computer Science and Engineering   *Santa Clara, CA*
Minor in Management Information Systems
- GPA: 3.8/4.0
- Relevant Coursework: Object-Oriented Programming & Advanced Data Structures, Theory of Algorithms, Web Development, Database Management, Computer Networks, Artificial Intelligence, Computer Architecture.
- Professional Affiliations: Society of Women Engineers (SWE), Association for Computing Machinery (ACM).

WORK EXPERIENCE

GILEAD SCIENCES   Foster City, CA
Software Development Intern | Microsoft Power Automate, Microsoft Azure DevOps   June 2024 - Aug 2024
- Design and implement an automated user request and task tracking system for Gilead's statistical programming team, enhancing data handling efficiency and accuracy, and enabling the team to focus on core tasks by reducing the manual effort required for task tracking.
- Conduct extensive research and analysis on different software and services to understand and translate user requirements into technical specifications.
- Demonstrate self-motivation and initiative in managing project timelines and ensuring successful completion.

SANTA CLARA UNIVERSITY MARKKULA CENTER FOR APPLIED ETHICS   Santa Clara, CA
Full-Stack Software Engineer and Researcher | PHP, SQL, Javascript, WordPress API   May 2023 - May 2024
- Build custom WordPress plugins that enable newsrooms to perform data analyses and efficiently audit diversity, equity, and inclusion in quoted sources.
- Develop UI/UX and backend functionality for 5+ newsrooms, improving the user experience for reporters.
- Collaborate with a cross-functional team of 5 engineers and a project director.
- Perform thorough sanity testing and practice the software development life cycle, ensuring a high-quality product and minimizing potential issues.

PROJECTS

ClubHub | React.js, CSS, Firebase   June 2024
- Centralized club information platform dedicated to Santa Clara University students.
- Explore and contact new clubs, follow the ones you love, stay updated on social events, and like and save posts that catch your eye.
- Includes our personalized chatbot "Ask Clubo!" using ChatGPT API, allowing students to ask detailed questions about clubs.

PlatePals | HTML, CSS, Javascript, PHP, SQL, Figma   March 2024
- Webpage designed to connect cooking enthusiasts, allowing them to discover new recipes while sharing some of their own.
- Interact, comment, and save the recipes you love.

VitALZ | Swift, Firebase   February 2024
- iOS app aimed to provide support for Alzheimer's patients, their loved ones, and caregivers
- Features task tracking, reminders for medicine intake, mobile games that support brain exercise, and a resource page containing Alzheimer's helpline information, donations to the Alzheimer's Association, etc.

Personal Portfolio | React.js, CSS   February 2024
- My portfolio website, built from scratch with interactive elements and fun colors!

PROGRAMMING LANGUAGES

Advanced in C, C++, HTML/CSS, JavaScript, PHP, SQL, Python, React.js, Swift, Verilog, Assembly, Git