

Education	University of California, San Diego <i>Bachelor of Science, Computer Engineering</i>	December 2024
Experience	Software Engineer — LockPod Worked at a startup that builds secure bike pods for students on college campuses. Contributed by integrating the Stripe API into the LockPod application to enable secure student transactions and developed various UI components with React Native.	April - June 2024
	Web Developer — The McCarty Group Helped develop and maintain a real estate website for an agency ranked Top 10 for California Realtor Sales (60.8M). The website used webhosting from a CRM (customer relation management), and I developed using HTML5 (html, css, javascript).	July - September 2023
Projects	Autonomous Vehicle Developed and tested a 1/10 scale autonomous car in a team setting, utilizing a Jetson Nano for computation and integrating computer vision via a camera for indoor navigation as well as a GPS chip for outdoor. Designed and 3D-printed custom housings in Fusion 360 CAD for electronics integration. Innovated by adding variable throttle control to enhance vehicle performance, applying skills in Python and TensorFlow for machine learning and control systems.	December 2022
	Team Lead — ElectNow, Citizen Tasmania Co-led a team in developing the 'ElectNow' app, aimed at enhancing civic engagement by facilitating discussions between citizens and political representatives in Australia. Fostered collaboration among a diverse team, driving the project towards empowering migrant, refugee, and asylum-seeking communities through innovative solutions.	June 2023
	Quality Assurance Specialist — Successorator Participated in a task management app using Android Studio designed to enhance daily productivity by allowing users to add, remove, and reorder tasks. Led quality assurance efforts, implementing Behavior-Driven Development scenarios, mocking databases for testing, and conducting UI and unit tests to ensure app reliability.	March 2024
Certifications	AT&T Technology Academy Completed training in Agile techniques, Data Analytics, SQL, and Machine Learning while also receiving advice on leadership and a career in technology from business executives and recognized experts.	August 2022
	AT&T Summer Learning Academy Externship Attended lectures and completed assignments organized by experts in the field of computer science, teaching 5G And Edge Technology, Artificial Intelligence, and Project Management among many other topics.	August 2021
Hard Skills	<i>Languages:</i> Java (& JUnit), C, C++, Python, Assembly, Bash, MATLAB, LaTeX, JavaScript, CSS, HTML <i>Development Tools:</i> Android Studio, Vim, Eclipse, Visual Studio Code, TeXstudio, Git, GitHub, React, Node.js, Figma <i>Operating Systems:</i> GNU/Linux, Windows	