Malena Lodi

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EDUCATION

Pasadena City College - Pasadena, CA   *Expected graduation* **June 2026**
Associate's Degree in Engineering & Technology
● **Relevant Coursework:** Data Structures and Algorithms, Software Engineering, Object Oriented Programming, & Multivariable Calculus.

EXPERIENCE

Snap Engineering Academy Scholar Jun. 2024 - Aug. 2024   **Snap Inc. -** *Santa Monica, CA*
- Selected as one of the top 6% applicants to join Snap Engineering Academy, an in-person software engineering program to enhance full stack skills utilizing **HTML/CSS**, **APIs**, and **React/React Native** to deliver web and mobile applications.
- Engaged in technical workshops, paired programming, and career development sessions led by Snap engineers, gaining hands-on experience in scalable app development, debugging practices, and adaptive collaboration.
- Collaborated with engineers, designers, and marketers on **Community Ping**, a cross-functional project promoting local engagement, and presented a functional prototype to Snap executives.

Mobile App Developer Intern Apr. 2024 - May. 2024   **Pasadena City College -** *Pasadena, CA*
- Co-developed a mobile app connecting 26,100+ students to campus resources, improving communication and engagement through accessible, student-centered features..
- Translated **UI/UX design** wireframes into high-quality code using **React Native** and **TypeScript**, ensuring an interface that is cohesive and fully functional.
- Strengthened front-end development skills in **React Native** and **TypeScript** through hands-on feature implementation and rapid iteration.

Office Assistant Apr. 2023 - June 2024   **Pasadena City College -** *Pasadena, CA*
- Supported departmental leadership by organizing workflows, coordinating internal communications, and maintaining high operational standards.
- Created and maintained structured digital documentation systems using **Excel**, **Google Sheets**, and **Google Docs**, improving data accessibility and team efficiency.

PROJECTS

Community Ping | github.com/malena-3/Snap-CommunityPing

A mobile prototype built during Snap Engineering Academy that connects users with others nearby based on shared interests and communities. Used geolocation libraries to fetch nearby users and Supabase SQL tables to retrieve profile data. Developed custom interaction menus for user safety and collaborated with design, marketing, and engineering teams to align UX and functionality.

Student Life Mobile App | github.com/malena-3/mobile-app_pcc

A cross-platform mobile app developed for Pasadena City College to connect 26,100+ students with campus resources. Built responsive, reusable UI components using React Native's modular architecture to ensure maintainability and consistent user experience across Android and iOS devices.

LEADERSHIP

She.Codes Club   **Pasadena City College -** *Pasadena, CA*
President (May 2024-June 2025) and Co-Vice President (May 2023 - May 2024)
- Spearheaded partnerships with STEM professionals and alumni to deliver hands-on career workshops, connecting students with real-world industry experiences.
- Led The NASA Space Apps Hackathon with 80+ participants, featuring judges and volunteers from NASA JPL, CalTECH, and PCC.
- Established new initiatives to empower women in STEM, including mentoring programs that fostered a supportive community and technical workshops designed to build foundational and intermediate skills in programming, problem-solving, and career readiness.

TECHNICAL SKILLS

Languages & Libraries: C++, Python, JavaScript, TypeScript, HTML/CSS, Pandas, SFML, APIs
Frameworks & Tools: React.js, React Native, Ionic, Supabase, Postman
Developer Tools & Environments: VS Code, CLion, WebStorm, Xcode, Expo Go, Git/GitHub