Logan Roche

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EDUCATION

California State University - Chico   **August 2023 - May 2027**
- **Bachelor of Science in Computer Science | GPA: 3.7**

EXPERIENCE

Software Engineer Intern - Posio.ai   **August 2024 - Present**
- **Overview**: Contributed to the development of a platform that streamlines automation and data management, improving operational efficiency for businesses.
- **Full Stack Development:** Worked on both front-end and back-end using React, ensuring seamless user experience and robust backend functionality.
- **Feature Deployment:** Assisted in pushing new features and design ideas to production, enhancing the platform's performance.
- **Collaboration:** Collaborated with a team of engineers to brainstorm, implement, and refine features.

Competitor - International Collegiate Programming Contest (ICPC)   **February 2024**
- Participated in an ICPC Hackathon representing Chico State. Worked within a team of 3.

SKILLS

- **Frameworks/Tools/OS:**
  - Next.js, React, Tailwind CSS, Drizzle ORM, Clerk Authentication, Git/GitHub, Windows
- **Languages:**
  - C, C++, C#, Java, Javascript, Typescript, Python, HTML, CSS, ARM Assembly

PROFESSIONAL ASSOCIATION

Secretary - Upsilon Pi Epsilon (UPE) - Computer Science Honor Society   **January 2024 - Present**
- **Even Organization**: Plan engaging club meetings and impactful fundraisers to foster community and participation.
- **Member Outreach**: Attract new members and maintain consistent communication with 250+ member alumni.
- **Mentorship Coordination:** Oversee student-alumni mentorship program, connecting 20+ participants each semester

Treasurer - Association for Computing Machinery (ACM)   **April 2024 - Present**
- **Financial Management**: Oversee club transactions, ensuring financial integrity and compliance with set regulations.
- **Event Coordination:** Host annual hackathons and bi-annual events to develop skills and community engagement.

PROJECTS

Hades - Full Stack Financial Tracker Application
- **Overview**: Leverages customer data to display users' remaining budgets, expenses, and total expenditures in a clean modern dashboard.
- **Security**: Achieved industry-grade security using Clerk for user auth and Neon Postgres Database for storing user data
- **Technology Stack**: Built with Next.js and styled with Tailwind CSS for a fast, clean, and intuitive user interface.
- **Database Integration**: Employed Drizzle ORM to connect to a Neon Postgres database, ensuring efficient and secure storage of user data.

Personal Portfolio Website
- **Overview:** Portfolio website showcasing my projects, skills, and experience in a organized clean design
- **Technology Stack:** Developed using HTML and CSS to achieve a clean, visually appealing, and professional layout.

Schedule Builder for Meadowlark Dairy
- **Overview:** Developed a JavaScript app to optimize job assignments based on shifts, roles, and past tasks. This enhanced scheduling efficiency, improved worker satisfaction, and increased work production over 10%.