

Marl Jonson

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EDUCATION

San Jose State University

Expected Graduation: May 2027

Bachelor of Science in Computer Science, Minor in Geographic Information Science

San Jose, CA

- **Coursework:** Data Structures and Algorithms, Object-Oriented Design, Computer Systems, SQL Databases, ArcGIS
- **Organizations:** Apple Next-Gen Innovators Program, Network Engineering Tech Society, Cyber Intelligence & Security Club
- **External:** American Public Transportation Association, ACM SIGGRAPH (Computer Graphics and Interactive Techniques)

EXPERIENCE

San Francisco Bay Area Rapid Transit District

Apr. 2025 – Present

Product Management & Transit Innovation Intern

Oakland, CA

- Analyzed BART rider data and led 10+ field interviews to create a training simulation game impacting youth engagement
- Identified 15+ adoption challenges with HR and Talent Acquisition; turned insights into career pipeline improvements
- Developed a game manual, training documents, teachable curricula, and event templates to support partners and field teams
- Refined Microsoft Office reports summarizing project cost factors and operational recommendations for HR leadership
- Managed Agile sprints and Jira workflows while keeping cross-functional teams aligned through Outlook and Teams
- Presented use cases and deliverables to 6 transit HR leaders tailored to their game adoption and user experience needs
- Gained exposure to public sector technology operations, marketing, customer service, and administrative processes

CodePath

Sep. 2025 – Present

Cybersecurity & Web Development Program Student

Remote

- Received exposure to fundamental cybersecurity topics: access control, networking, malware, social engineering, and privacy
- Completed cybersecurity coursework using Azure VM; presented a PowerPoint presentation about white-hat malware defense

Mozilla Responsible Computing Club @ SJSU

Jun. 2025 – Present

Full-Stack Web Development Ambassador

San Jose, CA

- Built a full-stack club website utilizing GitHub pull requests for version control and Jira tickets for development tasks
- Built and maintained responsive web designs using Next.js, Tailwind CSS for styling, and Auth0 for secure authentication
- Created Figma wireframes and user flows for UI/UX prototyping; engaged in bi-monthly Agile sprints and weekly stand-ups
- Performed 5+ user interviews using A/B testing to evaluate the usefulness of website features on club members and officers

Veranda Luxe Cinema

May 2025 – Aug. 2025

Concessionist & Usher

Concord, CA

- Efficiently handled 120+ unique customer orders per shift as concessionist; prepared popcorn, drinks and snacks
- Answered phone inquiries, led waste disposal, cleaned bathrooms, and disinfected 700+ seats per shift as usher

PROJECTS

Transit Operations Event Pipeline (SF Hacks 2026) | *Java, Spring Boot, Kafka, Log4j2, Docker*

- Implemented a real-time event-driven pipeline to process transit data to improve data flow across multiple systems
- Leveraged Kafka for data streaming and Docker for containerization to optimize scalability and deployment efficiency

Bay Area Transit Delay Dashboard (De Anza WiCS Hackathon) | *React, Flask, GTFS Realtime*

- Developed an interactive dashboard to visualize transit delays using live GTFS Realtime data with real-time updates
- Built a Flask backend to serve API endpoints, connecting to a React frontend for data presentation and updates

SKILLS

Languages: Python, Java, C, TypeScript/JavaScript, SQL

Developer Tools: Git, GitHub, Visual Studio Code, IntelliJ IDEA

Frameworks & Libraries: React, Express.js, Flask, Django, NumPy, Pandas, TensorFlow

Productivity Tools: Jira, Slack, Trello, Microsoft 365, Google Workspace

Certifications: Microsoft Azure Fundamentals (AZ-900), Lean 101: Intro to Lean Process Improvement (BART)