

Ryan Mar

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EDUCATION

UC Merced, Merced, CA

May 2026

GPA 3.98 | Bachelors in Computer Science and Engineering

TECHNICAL SKILLS

- **Languages:** C, C++, JavaScript, Python, SQL, TypeScript, and YAML
- **Frameworks:** Django, Flask, Next.js, React.js, TensorFlow, and Vue.js
- **Developer Tools:** AWS, Docker, Firebase, MongoDB, OpenCV, Pandas, PyTorch, and Stripe

EXPERIENCE

Google Developer Group

September 2024 - December 2024

Software Engineer Project Lead

Merced, CA

- Led a multi-university project to develop a financial education platform
- Recruited **49** student developers from **6** universities; designed the organizational structure, defined roles, and appointed **3** sub-team leads for functional areas (Quant, Machine learning, Full-stack)
- **Designed end-to-end system architecture** with sequence diagrams, use cases, and database schema to support the MVP and second-phase features
- Managed project planning with **Jira**, assigning tasks and tracking progress to simulate a professional software engineering organization
- Deployed frontend, ML model, database, and infrastructure using **AWS** (EC2, RDS, and Lambda)

Department of Homeland Security

June 2024 - August 2024

Software Engineer Intern

Washington D.C.

- Contributed to an **Agile DevOps** team developing a **CI/CD** project template for internal DHS teams
- Responsible for consolidating **SAST** scans into a flexible **Bash** script for GitLab pipelines
- Collaborated through pair programming, writing and updating **YAML** and **Bash** configurations across multiple pipeline stages, and containerized the pipeline with **Docker**
- Participated in sprint planning by referencing prior tickets and offering input for future tasks based on implementation experience

LEADERSHIP

Google Developer Group

January 2025 - Present

Vice President

Merced, CA

- Enabled **6** project groups with mentorship, project recruitment, funding, and weekly meetings
- Organized large social and informational events, and bolstered interdisciplinary outreach

Association for Computing Machinery

October 2024 - Present

SIG Software Engineering Lead

Merced, CA

- Designed and led practical software engineering workshops, including **Git**, **GitHub**, and **Agile**
- Engaged in initiatives such as the Society of Women Engineers club's annual EYH conference

PROJECTS (more at ryanmar.vercel.app)

- **MooGuard** | *MongoDB, Next.js, TensorFlow* March 2025
- **DjN Data Visualizer** | *Django, Docker, Next.js* September 2024
- **Yukai** | *Django, Stripe* October 2023

AWARDS

- **HackMerced X 1st place** - 2 awards - \$1,180 awarded 2025
- **Brainrot jia.seed Hackathon Winner** - 5 awards - \$250 awarded 2024
- **HackMerced IX 2nd place** - 2 awards - \$3,000 awarded 2024