

ROMA ALIMCHANDANI

U.S Citizen 🇺🇸 408-429-5526 ✉ romaalimchandani@gmail.com [in linkedin.com/in/romaalimchandani](https://www.linkedin.com/in/romaalimchandani) github.com/romaalimchandani 🌐

Education

University of California, Merced

Aug. 2023 – Present

Bachelor of Science in Computer Science, Minor in Cognitive Science

Merced, California

Relevant Coursework: Data Structures, Computer Organization, Assembly Language, Inclusive Innovation, Discrete Mathematics.

Technical Skills

Languages: Python, React, Java, JavaScript, TypeScript, C, C++, HTML/CSS

Developer Tools: PowerBI, PowerQuery, GitHub, Docker, n8n, Google Cloud Platform, Powerpoint, Excel, Microsoft Suite, ServiceNow, Jira, Confluence, Figma, ChatGPT, VS Code

Projects

FlowFundAI | PowerBI, Javascript, HTML/CSS, React

Dec. 2025 – Present

- Built an AI-driven budgeting and spending analytics platform, creating recurring dashboards and reporting workflows to support financial planning, forecasting, and leadership decision-making.
- Generated and managed month-to-month Capital vs. Operational Expenses to support financial reports and due diligence on budget vs. actual finances.
- Positioned FlowFundAI's value proposition through clear product messaging and data-driven visuals, improving discoverability and helping users understand spending patterns and financial insights.

ACM Website | Java, HTML/CSS, TypeScript, Docker

Oct. 2025 – Present

- Used a dashboard to track performance and utilization trends, supporting leadership planning while guiding the ACM website redesign into a clear hub for events and resources that increased visibility and student participation.
- Partnered cross-functionally to improve data quality, consistency, and integrity across reporting workflows, contributing to a 30% improvement in platform performance metrics.

Real Time Emotion Detector | Python, OpenCV, TensorFlow

June 2025 – Aug. 2025

- Developed and applied analytical models to evaluate performance, efficiency, and accuracy, balancing quality, speed, and resource utilization while identifying key drivers impacting system reliability.

Experience

Student Technology Consultant

Aug. 2024 – Present

Office of Information Technology, University of California, Merced

Merced, CA

- Analyzed incident volume, resolution time, and reliability metrics to assess operational efficiency and productivity, supporting continuous improvement across instructional systems.
- Supported high-volume reporting and documentation workflows, ensuring data integrity across 40+ monthly incidents and contributing to 99% operational availability.

VC Startup Intern

June 2025 – Aug. 2025

HP Tech Ventures, Extern

Remote

- Conducted financial and performance analysis across early-stage startups, evaluating market size, revenue drivers, competitive dynamics, and risk factors to support strategic planning and investment decisions.
- Prepared decision-oriented analysis briefs that translated complex market and performance data into clear investment scenarios and tradeoff assessments, improving leadership review and prioritization efficiency.

Undergraduate Research Assistant

Jan. 2025 – June 2025

Cognitive Science Department, University of California, Merced

Merced, CA

- Compiled and analyzed datasets and performance metrics, building analytical models to evaluate trends and planning assumptions between humans and AI.
- Constructed a 3D semantic model space using Python to visualize relationships between word embeddings, enabling researchers to identify clustering patterns and contextual shifts in language generation across human and AI responses.

Leadership/Extracurricular

Eagle Scout, Scouting America BSA: Completed NYLT, earned 24 badges, received national awards, and built 16 conservation birdhouses.

President, Association of Computing Machinery (ACM): Coordinated events, managed a 10-member executive board, and mentored 30+ members to strengthen collaboration and innovation.

Director of Mentorship, Campus Compass: Directed an 8-mentor team supporting 16 students, strengthening academic guidance and campus engagement.