

Noelle Wang

✉ nwang28@ucmerced.edu | 🌐 No767 | 🌐 Noelle Wang

EDUCATION

University of California, Merced
Bachelors of Science in Computer Science

Merced, CA
May 2027

Meiji Gakuin University
International Studies in Economics and Sociology

Yokohama, Japan
Present

WORK EXPERIENCE

ACM at UC Merced
Administrative Assistant

Merced, CA
August 2024 - Present

- Independently intercepted ACM at UC Merced from multiple near-permanent closures since August 2024
- Recovered 98 percent of previously lost access to critical infrastructure and documents within a span of 8 months
- Spearheaded all operations, ranging from coordination between SIG Leads, outreach efforts, and supervision between executive leadership

CITRIS and the Banatao Institute at UC Merced
Educational Intern

Merced, CA
May 2024 - April 2025

- Developed and coordinated interactive STEM curriculums integrating AgTech concepts for K-12 students within Merced County.
- Fabricated foundational frameworks and standard-based recommendations for creating curriculums.
- Assisted in various CITRIS educational efforts and team members as necessary.

Team 5507 - Robotic Eagles
Software Mentor

San Francisco, CA / Remote
January 2024 - Present

- Advised an team of 10+ high school students on the development of efficient and reliable software for an high scoring robot.
- Mentored and reviewed the development of the new robot's codebase.

ACM at UC Merced
Webmaster

Merced, CA
Sept 2023 - Present

- Rewrote and modernized an modern, scalable website using React and FastAPI to reconcile deprecated codebase.
- Managed and mentored a team of 5-15 developers, ensuring the project was completed on time and within budget.
- Constructed improved internal workflows for administrative duties, resulting in stable and refined processes.


Team 5507 - Robotic Eagles
Hardware Lead

San Francisco, CA
Sept 2021 - June 2023

- Engineered and manufactured an high scoring robot for the 2022-2023 season within 3 months, leading to 1st place rankings at regional competitions.
- Closely worked with mechanical, electrical, software teams and mentors to ensure the robot was engineered for competitions.
- Developed bleeding edge manufacturing processes, resulting in a 20 percent reduction in production time and 15 percent increase in fortitude.

PROJECTS

Rodhaj | *Python, PostgreSQL, Linux*

[transprogrammer/rodhaj](https://github.com/transprogrammer/rodhaj) 


An modern shared moderation inbox application for an community of over 1,000 users

Kanae | *Python, FastAPI, PostgreSQL, Redis*

[UCMercedACM/kanae](https://github.com/UCMercedACM/kanae) 

Monolithic backend web server for ACM at UC Merced with automatic deployments that vastly accelerated development speeds.

Phoebe | *Python, FastAPI, OpenAPI, SQLite, Flutter*

devpost.com/software/phoebe-izav85 

Mobile platform that connects the LGBTQ+ community with safe havens while fostering support and solidarity.

LEADERSHIP

Association for Computing Machinery at UCM | *Project Manager*

Sept 2024 - Present

SKILLS

Languages: Python, JavaScript, TypeScript, Java, C++, SQL, HTML, CSS, Bash

Databases: PostgreSQL, SQLite, MariaDB, Redis, MongoDB

Cloud/Infra: Cloud-init, GitHub Actions, GitLab CI, Grafana, Prometheus