

# Noelle Wang

✉ [nwang28@ucmerced.edu](mailto:nwang28@ucmerced.edu) | 🌐 No767 | 🌐 Noelle Wang

## EDUCATION

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**University of California, Merced**  
*Bachelors of Science in Computer Science*

Merced, CA  
May 2027

## WORK EXPERIENCE

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**CITRIS and the Banatao Institute at UC Merced**  
*Educational Intern*

Merced, CA  
May 2024 - Present

- 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

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**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](https://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