

# Noelle Wang

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## EDUCATION

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

Merced, CA  
May 2027

## WORK EXPERIENCE

**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 Firebase to reconcile deprecated codebase.
- Managed and mentored a team of 2-5 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*

<https://github.com/transprogrammer/rodhaj> 🔗

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

**Kanae** | *Python, FastAPI, PostgreSQL, Redis*

<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*

<https://devpost.com/software/phoebe-izav85> 🔗

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

## SKILLS

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

**Technologies:** PostgreSQL, SQLite, Redis, MongoDB, Prometheus, Grafana