Noelle Wang

✉ nwang28@ucmerced.edu | ⌂ No767 | % https://pastelpink.dev | � Noelle Wang

EDUCATION

University of California, Merced   Merced, CA
Bachelors of Science in Computer Science   *May 2027*

WORK EXPERIENCE

ACM at UC Merced   Merced, CA
Project Manager   *Sept 2024 - Present*

- Established vastly improved processes and documentation to reconcile immobilized community projects.
- Supervised management and resources of projects, ensuring completion of projects on schedule and within budget.

CITRIS and the Banatao Institute at UC Merced   Merced, CA
Educational Intern   *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   San Francisco, CA / Remote
Software Mentor   *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   Merced, CA
Webmaster   *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   San Francisco, CA
Hardware Lead   *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