

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

Kumiko | *Python*

<https://github.com/No767/Kumiko> 🔗

Personal multipurpose bot for Discord with over 11,000 lines of code

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