

MELINDA CHANG

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SKILLS

TypeScript, React, Svelte · Rust · Common Lisp · C/C++ · Java · Python · UNIX, Shell, Git.

EDUCATION

B.A., Computer Science & Comparative Literary Studies, expected June 2028
Northwestern University · Evanston, IL · GPA: 3.79

RELATED EXPERIENCE

Undergraduate Researcher, School of Information 04/25—
University of California, Berkeley · Berkeley, CA
Advisor: Prof. Timothy Tangherlini. Exploring the affordances of language models in parsing and structuring textual data, esp. literary narratives with high social complexity.

Student Researcher, Programming Systems Group 06/23—08/24
University of California, San Diego · La Jolla, CA
Advisor: Prof. Michael Coblenz. Qualitatively analyzed interviews with climatologists, other university scientists regarding software engineering practices. Identified opportunities for interventions. 2nd author of "A Theory of Scientific Programming Efficacy" (International Conference on Software Engineering, 2024).

OTHER EXPERIENCE

Undergraduate Teaching Assistant, Dept. of Computer Science, 2025
Northwestern University · Evanston, IL

Student Researcher, Laboratory for Computational Astrophysics, 2022
University of California, San Diego · La Jolla, CA

SERVICE

Staff Writer, Responsible AI Student Organization, 2025—
Articles on current events in artificial intelligence ethics, tech policy, and computing culture.

Director of Technology, WildHacks, 2024—
Leading software development at Chicagoland's biggest hackathon.

Founder & Director, Hack the Wave, 2023
Organized the biggest high schooler-run hackathon in San Diego County history.

PROJECTS

[Albio](#), 2022–2023. Lightweight JavaScript compiler to enable reactive web programming directly in your mark-down. Outperforms Virtual DOM-based frameworks like React, Vue in key benchmarks.

HONORS

Dean's List, 2025—.
National Merit Finalist, 2024.