

LANI WANG

laniwang.com | lanisuin@gmail.com | 617.610.4651
[linkedin.com/in/lani-wang-5452521a2/](https://www.linkedin.com/in/lani-wang-5452521a2/) | github.com/LaniW

Summary

Electrical and Computer Engineering student at The Cooper Union with experience developing Augmented/Virtual/Extended Reality (AR/VR/XR), Machine Learning/Artificial Intelligence (ML/AI), Body Tracking, Mobile, and Web Apps. I also have experience building and managing hackathon teams.

Education

The Cooper Union for the Advancement of Science and Art (New York, NY)

Bachelors of Electrical Engineering - Computer Engineering Track (Expected April 2026)

- Innovator Scholarship with Minors in Computer Science and Economics

Experience

Web Developer (2023-)

I take commissions for front-end web development projects such as personal websites.

Naval Lab Intern (2023)

I wrote a mock grant proposal on a project I came up with called MIRON (Maritime Integrated Real-time Operations Network) for the OECIF FY24 Call for Proposals. It aims to monitor and track areas of Naval shipyard decay.

Researcher at The Cooper Union MiliLab (2022 - 2023)

I worked on a low-cost body tracking plug-in for Unity-based game development.

Researcher at Franklin W. Olin College of Engineering (2021 - 2022)

I worked under the guidance of Dr. Paul Ruvolo to prototype an Android version of Clew ([link](#) to GitHub project), an indoor path-tracing navigation mobile app built for blind and visually impaired users. Original version of Clew was written in the Swift programming language and is available only on iOS.

Notable Research

- An Urgency for Inclusivity: Redesigning Datasets for Improved Representation of LGBTQ+ Identity Terms in Artificial Intelligence (A.I.)” (links to [presentation](#), [paper](#))

Skills

- Team Management, Project Management
- HTML, CSS, Java, Flutter/Dart, Python, Google ARCore, GitHub, C, LaTeX, Unity, C#, C++, Huggingface Transformers, Turtle Graphics, Google ML Kit

Hackathon Awards

- NCWIT - 2022 Massachusetts Honorable Mention ([link](#))
- NHacks VII - 2022 Most Creative ([link](#))
- Google Play Change the Game - 2021 June Design Challenge Winner ([link](#))
- Congressional App Challenge - 2021 1st Place in District ([link](#))