

# Keneth Martin

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## SKILLS

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- Deadline management
- Punctual and dependable
- Research
- Collaboration and teamwork
- HPC - Jetstream2
- Git
- HTML & CSS
- C++
- React
- Next.js
- Vite
- Node.js

## PUBLICATIONS

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Castro, C., Martin, K., Wu, W., & Wilson, W. H. (in press). A Modern Online Learning Platform for 'Ōlelo Hawai'i Classrooms. *Proceedings of LREC 2026*. University of Hawai'i at Hilo.

## EXPERIENCE

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Feb 2026 – May 2026

**Junior Software Engineer Intern**, Purple Mai'a Foundation, Hawaii, HI

- Developed full-stack web applications using Next.js and PostgreSQL as part of the 'Āina Foundry Builders Team, supporting 'āina restoration and Indigenous community initiatives.
- Gained hands-on experience with agentic programming and AI/ML tooling in a real-world production environment.
- Managed version control and deployments using Git and live hosting services including Dokku.
- Collaborated with team members via Slack and participated in project planning and design sessions with stakeholders.
- Contributed to frontend and backend feature development, testing, debugging, and optimization across active projects.

Jun 2025 - Aug 2025

**NLP Research Intern**, NSF Grant #2422413, Hawaii, HI

- Part-time research assistant; collaborated with Christian Castro and Dr. Winston Wu to create an online learning platform supporting the learning of 'Ōlelo Hawai'i.
- Working in cooperation with another intern using React, MongoDB, Vite, and nodeJS to produce a full stack platform that would allow students and teachers access course materials and grades.
- Researched and brainstormed the core functions and components of an online web application designed to support many users and their data.
- Participated in part-of-speech tagging by annotating Hawaiian text.

Feb 2024 - Apr 2025

**ACM Creative Electronic Media Student**, ACM, Hawaii, HI

- Completed special projects assigned by supervisors within specified deadlines while balancing regular duties effectively.
- Repaired and replaced outdated computer equipment, managed classrooms, and regularly inspected their condition.
- Collaborated with team members to complete projects and tasks, and assisted with hosting events and deliveries.
- Acquired new skills to create more effective demos and visualizations for project presentations.

## EDUCATION

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Expected May 2026  
Hilo

**Bachelor of Science:** Computer Science, Hawaii, HI, University of Hawaii at