

Jennifer C. Hsu

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EDUCATION

University of Hawai'i at Mānoa

B.A., Information & Computer Science

- ICSpark, PANDA (Programming & Algorithms); 3.72/4.0 GPA

B.S.W., Social Work

- Bachelors' of Social Work Organization (BSWO); 4.0/4.0 GPA

Expected Graduation: May 2021

Honolulu, HI

Honolulu, HI

EXPERIENCE

eWorld Enterprise Solutions

Software Developer Intern

December 2020 – Present

Honolulu, HI

RadGrad

Software Developer Intern

May 2020 – Present

Honolulu, HI

- Designed and built a prototype internship search website using React, MongoDB, Semantic UI, and Natural.js
 - Team Lead for InternBit subproject as of September 2020; in charge of 2 new interns
 - Implemented web scrapers to collect internships from sites using Puppeteer and utilized NLP to extract relevant information for filtering.
 - Current back-end development of an internship recommendation system based on student skills, courses, and career interests.
- Presented the summer research project to the [2020 SURE Symposium](#)

ICSpark

President & Mentor

October 2019 – Present

Honolulu, HI

- Provide mentorship for a 3-month long classroom that teaches students in Grades 6-12 about web development using Javascript, CSS, & HTML.
 - In our first year, we reached a max capacity of ~40 students and successfully transitioned from in-person to remote to abide and ensure everyone is safe during the pandemic.
- Oversee all club activities relating to training sessions for new mentors to recruitment for our program.
- Contributed to our open-source repo to develop and reformat the curriculum.

PROJECTS

[InternAloha](#) | React, Puppeteer, Natural.js, MongoDB, Semantic UI

May 2020 - Present

- InternAloha is an ongoing website application under RadGrad that is funded by the National Science Foundation under Grant No. 1829542 that aims to lower the energy needed for students during their search process for an internship.

[Project CLIO](#) | React, PostgreSQL, Bootstrap

November 2020 - November 2020

- Project CLIO is a web application that allows Hawaii State Archives to crowdsource the indexing effort by gamifying it. It was created for [HACC 2020](#).
- Developed the front end with React.js to utilize our custom API.

[HACC-HUI](#) | React, MongoDB, Meteor, Semantic UI

August 2020 - October 2020

- In a typical year, over 200 developers attend the hackathon kick-off meeting. This size makes it difficult for developers to know each other and form teams through informal mechanisms. In light of the pandemic, there will be no in-person kick-off meeting this year.

- The goal of the HACC Hui system is to provide an easy-to-use system that simplifies and improves the team formation process for the [Hawaii Annual Code Challenge](#).

Ono On The Way | React, MongoDB, Meteor, Semantic UI

February 2020 - May 2020

- Ono OTW is a website application that was developed as a final project for my Software Engineering course.
- Utilized Discord and Github webhooks to foster remote communication between 4 team members.

SKILLS & INTERESTS

- **Skills:** Eclipse IDE, C/C++, VI, Atom, Javascript, MongoDB, React, React Native, CSS, HTML, Semantic UI, Python, Sony Vegas
- **Interests:** Sleeping; psychology; dogs & cats; traveling; Reddit;