Jennifer C. Hsu

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EDUCATION

University of Hawai'i at Mānoa **Expected Graduation: May 2021**
B.A., Information & Computer Science *Honolulu, HI*
- ICSpark, PANDA (Programming & Algorithms); 3.72/4.0 GPA

EXPERIENCE

RadGrad **May 2020 – Present**
Software Developer Intern *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 **October 2019 – Present**
President & Mentor *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

HACC-HUI | React, MongoDB, Meteor, Semantic UI **August 2020 - Present**
- 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.

InternBit | React, Puppeteer, Natural.js, MongoDB, Semantic UI **May 2020 - Present**
- Internbit 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.

[Ono On The Way](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;