

# Kayla Mukai

69 Brown St, Mail #7756 | Providence, RI 02912 | Phone: (808) 971-1335 | E-Mail: kayla\_mukai@brown.edu

## EDUCATION

**Brown University**, *Computer Science & Entrepreneurship*, [4.0 / 4.0 GPA](#) Providence, RI | **Expected Graduation May 2025**

Relevant Courses: User Interfaces and User Experience, Program Design with Data Structures and Algorithms, Introduction to Object-Oriented Programming and Computer Science, Management of Industrial and Nonprofit Organizations, Eco-Entrepreneurship  
ACT: 35, SAT: 1530, PSAT: National Merit Finalist (\$2500 Scholarship Winner)

**ʻIolani School**, 4.3854 GPA, Valedictorian/Cum Laude

Honolulu, Hawaii | Class of 2021

## SKILLS

**Technical Skills:** Proficient in Figma, Adobe XD, Balsamiq, Adobe Photoshop, Java, HTML, CSS, JavaScript, Python, Microsoft Applications, Google Analytics, Hotjar, Siteimprove, Salesforce CMS and Experience Builder, Unbounce

## DESIGN EXPERIENCE

**Brown University “The Digital World”**, *Website Creator* Providence, Rhode Island | July 2022 – Present

- Designed and coded in HTML/CSS for the new “Heroes vs. Villains” themed website for 2022 and currently maintain it

**Servco Hackathon**, *Participant*

Honolulu, Hawaii | July 2022

- Designed “be-leaf” [website](#) and presented in intern hackathon with team, winning first place and People’s Choice award

**Hair Things Hawaii**, *Owner*

Honolulu, Hawaii | March 2019 – August 2021

- Developed and sewed unique hair accessories (wire headbands, Hawaiian print scrunchies, etc.)
- Sold over 200 products at local craft fair and designed & managed a functional e-commerce website

**Hawaiian Land Snails**, *Chief App Developer*

Honolulu, Hawaii | May 2020 – July 2021

- Researched UI and UX and administered surveys to iteratively test and develop the effectiveness of the app
- Collaborated with Bishop Museum malacologists to help native Hawaiian snail conservation and identify non-native snails
- Won “Outstanding Undergraduate Student Oral Presentation” at Hawaii Conservation Conference 2021 for app and research

## PROFESSIONAL COMPUTER SCIENCE EXPERIENCE

**Brown University “The Digital World”**, *Teaching Assistant*

Providence, Rhode Island | July 2022 – Present

- Facilitate weekly TA hours to explain concepts to students who are mostly fairly new to computer science
- Grade and leave feedback on projects and labs (206 students enrolled in course- Excel, HTML, CSS, JS, Python)

**Servco**, *Digital Platforms Intern*

Honolulu, Hawaii | June 2022 – August 2022

- Built website pages for both desktop and mobile devices for Servco Lexus and Subaru using Unbounce and Salesforce
- Analyzed website pages using tools such as Google Analytics, Hotjar, and SiteImprove

## LEADERSHIP EXPERIENCE

**Wyzant & High School Tutor**, *“Junior Sensei” and One-on-One Tutor*

Honolulu, Hawaii | August 2017 – Present

- Tutor individual students in Algebra, Writing, and College Counseling (Found on Wyzant)
- Selected as “Junior Sensei” which was a Teacher’s Aid for eighth grade Japanese language students

**Meiklejohn**, *First-Year Peer Advisor*

Providence, Rhode Island | August 2022 – Present

- Advise and mentor first year students studying computer science and history

**Varsity Track & Field**, *Triple, Long, and High Jumper*

Honolulu, Hawaii | February 2019 – June 2021

- Assisted younger teammates in jumping exercises, helped with their triple jumping form, and led team warm-up exercises

**Kupuna in the Kitchen**, *Co-Author*

Honolulu, Hawaii | September 2018 – January 2020

- Published cookbook that was sold on Amazon, at the HNL airport, etc. with proceeds toward local elderly organizations

## RESEARCH EXPERIENCE

**ʻIolani School Independent Research**, *Researcher*

Honolulu, Hawaii | August 2019 – June 2021

- Developed a method to remove inorganic arsenic from rice using natural substances, during junior year
- Published [research paper](#) in peer-reviewed Journal of Emerging Investigators

**Kay Fellowship**, *Paid Summer Researcher*

Honolulu, Hawaii | Summer of 2019 and 2020

- Contacted museum, generated prototypes, and took Udemy’s Complete Web Developer Course 2.0 (HTML, CSS, JS) for app
- Studied the effect of lack of sleep on the immune repertoire (diversity of T cells) by drawing blood samples and analyzing the data received from iRepertoire