

# Joshua Kahalelaukanaka Parker

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## EDUCATION

### Harvard University (Cambridge, Massachusetts)

2021 – present

- Bachelor of Arts, Computer Science and Economics

### Kamehameha Schools Kapālama (Honolulu, HI)

2017 – 2021

- Salutatorian, Cumulative GPA: 4.52
- Varsity Track & Field Captain, Varsity Basketball
- National Honor Society

## EXPERIENCE

### Founder, Hawaiian Hydropower

2020 – present

- Created unique hydroelectric power technology
- Provide 100% renewable energy for three Native Hawaiian fishponds
- Generated \$17,000+ in outside funding

### Research Presenter, American Indian Science and Engineering Society

2018 – present

- Invited to discuss renewable energy solutions and cultural sustainability at AISES Leadership Summit 2019 (all-expense paid trip to Cherokee, North Carolina)
- Invited to discuss impacts on creating renewable energy and cultural sustainability in Hawai'i to the U.S. Department of Interior and Hawai'i Senators Mazie Hirono and Brian Schatz (all-expense paid trip to Washington D.C.)

### App Developer, Purple Mai'a Foundation

2020 – 2021

- Developed and maintained Kānaka Kanvas, an educational app that equips students with educational resources, interactive communication with their peers, and investment opportunities to fund their startups
- For the first month after release, over 60 aspiring entrepreneurs signed up and are regular users of Kānaka Kanvas

### Intern, Office of U.S. Senator Brian Schatz

2020 – 2021

- Analyzed clean energy legislation and impacts on Hawai'i communities, providing perspective and innovative solutions through discussion with and for consideration by U.S. Senator Brian Schatz

### Fellow, Center for Tomorrow's Leaders

2020 – 2021

- Selected as one of 20 Hawai'i students for a leadership development program with a central goal of promoting positive change in Hawai'i
- Addressed the need for economic diversification and sustainability by coordinating a yearly networking conference

### Student Founder, Nalukai Academy

2020

- Selected to and participated in a highly-selective, fully-sponsored intensive tech, entrepreneurship, and design program for Hawai'i high school students
- Produced an MVP (minimum viable product) and pitched to investors and consumers

## RESEARCH AWARDS

Conducted independent research on the application of non-invasive hydropower in Native Hawaiian fishponds as a source of renewable energy for restoration efforts and nearby communities.

### International

- First place – International Clean Tech Competition (2020)
- Finalist – International Science and Engineering Fair (2020)

### National

- Finalist – Junior Science and Humanities Symposium (2021)
- First place – AISES Energy Challenge (2019 & 2020)

### State

- First place – Kīpuka Innovation Competition (2020)
- First place Environmental Engineering – Hawai'i State Science Fair (2020)
- Fifth place overall – Hawai'i State Science Fair (2020)

## COMPETENCIES

**Skills:** JavaScript/Node.js, HTML/CSS, Responsive Design, C++, Computer-Aided Design, Arduino, Hawaiian Language

**Tools:** Git, Google Analytics/Applications, Glide, Zoom, Microsoft Office, Adobe Photoshop, Adobe Illustrator, Premiere Pro