

Nicholas Wong



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http://nickwong.io

EDUCATION

University of California, Berkeley

Bachelor of Arts, Computer Science and Entrepreneurship

Berkeley, CA

Graduating May 2022

- **Relevant Coursework:** Data Structures, Structure and Interpretation of Computer Programs, Technology Entrepreneurship and the Berkeley Method of Entrepreneurship.

PROFESSIONAL EXPERIENCE

Blueprint, Technology for Non-Profits

Full-stack Developer

Berkeley, CA

August 2019 - Present

- Worked alongside a team of five developers and a designer to design and build a web-application dashboard for People Power Solar Cooperative, a non-profit organization democratizing ownership of renewable energy.
- Designed and implemented a database schema using AirTable spreadsheets as a non-traditional backend.
- Engaged in creating user personas and conducting interviews to identify painpoints to guide product development.
- Leveraged version control using Git to streamline efficiency and collaboration on the developer team.
- Integrated AirTable's API into a React.js frontend application through writing a suite of API wrappers in JavaScript.

Haas School of Business Center for Equity, Gender, and Leadership

Web Developer and Web Master

Berkeley, CA

August 2018 - Present

- Create, edit, and maintain web pages atop a WordPress CMS backend for a ~950,000 visitor/year site.
- Collaborate and ideate alongside Program Directors and third-party designers to create, redesign, and reorganize content to better reflect the Center's mission and promote external initiatives for the 2019-20 school year.
- Increased total page views by nearly 9x and unique page views by 6x for the 2018-19 school year compared to the previous year.
- Assisted in content migration through two full-site redesigns and restructurings.

uAchieve Hawaii Learning Center

Web Developer, Web Master

Honolulu, HI

May 2015 - Present

- Designed, developed, and launched a web platform that handles hundreds of digital sign-ups a year.
- Collaborated with client to update content, maintain Linux-based virtual machine, and implement site analytics.
- Developed a Node.js (JavaScript) backend using the Express.js open-source framework and configured a Digital Ocean virtual machine running Ubuntu to use a NGINX web server.
- Configured and continue to maintain custom domain email for the learning center staff.

hackTheHill Web Application

Founder, Solo Developer

Honolulu, HI

August 2014 - May 2018

- Envisioned, prototyped, and developed a web application used by 1,018 students at Kamehameha Schools.
- Leveraged open-source code and frameworks to develop front and backends. Utilized and designed an all-Node.js stack using Express.js backend framework and React.js frontend framework.
- Configured a Heroku virtual machine deployment with an SQL Database to create a production-grade application.
- Applied Lean-Startup entrepreneurial methodologies while iterating upon the app throughout my school career.

LEADERSHIP EXPERIENCES

Nalukai Foundation Startup Camp

Project Management Coordinator

Waimea, HI

July 2016 - Present

- Mentored 83 students and 23 startups during four, 10-day camps teaching the Lean Startup methodology.
- Taught pre-work curriculum exposing students to product ideation and iterative design, minimum viable product, business essentials and ethics, and team building with emphasis on social and emotional learning.
- Assisted camp operations and facilitated a partnership with Kamehameha Schools to fund a camp held on O'ahu.

SKILLS AND AWARDS

- **Skills:** JavaScript/Node.js, Python, Java, React.js, Express.js, SQL, HTML/CSS, Responsive design, Web frameworks
- **Tools:** Git, Google Analytics, Digital Ocean (DevOps), Heroku, Virtual Machines, Asana, Zoom, Google Applications, Microsoft Office, Adobe Photoshop, Illustrator, Adobe XD, Premiere Pro, AirTable.
- **Awards:** Hawai'i Venture Capital Association's Student Entrepreneur of the Year Finalist 2018.