Hoaian Dang

✉ hoaiandang@berkeley.edu

📱 (408) 636-8209

📍 Berkeley, CA

in linkedin.com/in/hoaiandang

🌐 hoaiandang.github.io

github.com/hoaiandang

ABOUT

I am a mission driven developer interested in using my technical abilities to advance health, social justice, and environmental justice. I have a special interest in Front End development and human-centered design.

EDUCATION

UC Berkeley
B.S. Electrical Engineering and Computer Science
2017 - 2021

SKILLS AND TOOLS

Programming: Java, Python, Git, Go, C#, Unity
Web Development: HTML, CSS, Javascript, React, Node.js, Wordpress, SQL

AWARDS

Big Ideas at Berkeley 1st Place Winner
Questbridge Scholar
Out 4 Undergrad Alum

RELEVANT COURSEWORK

DATA 100: Principles of Data Science
COMPSCI 188: Introduction to AI
COMPSCI 170: Efficient Algorithms
COMPSCI 61C: Machine Structures
COMPSCI 70: Discrete Mathematics
COMPSCI 61B: Data Structures
COMPSCI 61A: Structure and Interpretation of Computer Programs.
Electrical Engineering 16A/B: Information Devices and Systems

EXPERIENCE

Civic Digital Fellow | TTS Tech Portfolio
June 2020 – Present | Berkeley

- Conducting user interviews to document the authorization process for the use of software as a service products within the federal government
- Implementing various front-end and back-end features in Jekyll including creating new pages for the TTS Handbook, and incorporating a sitemap into the Handbook to allow for the search of relevant sites outside of the Handbook

Technical Lead | Amplifying Sanctuary Voices
May 2020 – Present | Berkeley

- Redesigning and developing website to showcase collected stories and projects in an online platform
- Designing and implementing an interactive, dynamic web version of existing sanctuary timeline project

Software Engineer Intern | Methodics Inc
June 2019 – August 2019 | San Francisco Bay Area

- Implemented various front-end features within Angular JS such as implementing a Delete Button, adding a Pie Chart functionality to existing Graph Widget , and implementing a custom widget to support Microsoft Excel embedding
- Performed quality assurance on newly implemented, untested features on both Public API and Client sides

Co-founder and CTO | Qloak
September 2018 - December 2019 | Berkeley

Big Ideas @ Berkeley 1st Place Winner
- Developed a platform to connect LGBTQ+ users to relevant queer-friendly resources and local businesses ranging from restaurants to clubs to legal resources to queer-specific medical support/treatment.
- Designed and implemented a working prototype and MVP with tags and organization features using React Native
- Designed and implemented landing page with email sign up capabilities using React

AR/VR Developer, Team Lead | VR@Berkeley
September 2018 - Present | Berkeley

- Integrated ARKit, ARCore, and Firebase to create an app that allows users to listen to sound recordings mapped to certain images and locations, and allow them to map new sound recordings to those same images at any location.