Hoaian Dang

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Education

UC Berkeley | May 2021
Electrical Engineering and Computer Science, BS | GPA 3.6
Minor in Global Poverty and Practice
Certificate of Entrepreneurship and Technology

Skills

Languages
Java, JavaScript, HTML5/CSS3, Python, SQL, C# React, React Native, Node.js, Bootstrap, JQuery, Unity

Relevant Coursework

Current Coursework
COMPSCI 170 Efficient Algorithms
COMPSCI 61C Machine Structures

Previous Coursework
COMPSCI 70 Discrete Mathematics and Probability
COMPSCI 61A Structure of Computer Programs
COMPSCI 61B Data Structures
EL ENG 16A/B Information Devices and Systems I

Honors

Questbridge Scholar
O4U Tech Attendee
EIA Participant
Out in Tech Fellow

Relevant Experience

Qloak | Co-founder and CTO

September 2018 - Present | UC Berkeley

Big Ideas at Berkeley Finalist

- Created a working prototype and MVP using React Native
- Working to create a landing page for launch using React
- Working to incorporate a Node.js backend into prototype
- Performing user testing and human centered design to improve and iterate upon our prototype

Vice Chancellor's Office for Research | Web Team Member

September 2018 - Present | UC Berkeley

- Worked to create 4 websites using Drupal 8 and HTML5
- Works with content type creation, content migration from old sites to new sites, and implementing website structure.

Extracurriculars

VR@Berkeley | Immersive Theatre Team Member

September 2018 - Present | UC Berkeley

- Working with a team of 4 other engineers to create an app to enhance the live-theatre experience using AR technology
- Integrating ARKit, ARCore, and Firebase to allow users to listen to sound recodings mapped to certain images, and allow them to map new sound recordings to those same images.

ANova | Head of Quality Assurance, Curriculum Commitee Member

August 2017 - December 2018 | UC Berkeley

- Regularly reviewed and adapted the curriculums of 8 seperate sites to ensure quality of education
- Developed 4 labs and projects with Python turtle for students to learn and contextualize computer science concepts
- Incorporated feedback from students to optimize student learning and retention