

Hoaian Dang

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Education

UC Berkeley | May 2021

Electrical Engineering
and Computer Science,
Bachelor of Science |
GPA: 3.566

Relevant Coursework

COMPSCI 61A

Structure and
Interpretation of
Computer Programs

COMPSCI 61B

Data Structures

EL ENG 16A

Designing Information
Devices and Systems

Skills

Java, Swift, SQL,
HTML5/CSS3, JQuery,
JavaScript, React,
Python, Scheme,
LaTeX, Proficient with
Excel and Tableau

Honors

Questbridge Scholar

Extracurriculars

ANova Curriculum Committee Member (2017-Present)

- Regularly developing and adapting curriculum for 8 Title 1 school programs
- Created 4 projects for students learn and contextualize the power of computer science
- Incorporating feedback from students to optimize student learning and retention from 50% to 70% measured with custom okpy integration
- Volunteering weekly to teach computer science to low income students living in under resourced communities

Berkeley Anti-Human Trafficking Coalition Technology Chair (2017 - Present)

- Spearheaded the Coffee Project, a BAHTC sponsored technology centered project to promote consumer support of Fair Trade and ethically sourced Coffee
- Leading a team of 5 software developers and designers to create the Coffee Project app in React Native
- Working closely with BAHTC to grow our network of Fair Trade coffee store partners

FIRST Robotics Club Co-Founder and President (2016-2017)

- Lead a team of 13 club members to create a fully functioning robot
- Grew and budgeted a funding of \$5000 through fundraising, grants, and sponsorships
- Organized and hosted weekly computer science lessons and electrical engineering training for both members and non-members
- Grew membership and retention by 60% in one year

Associated Student Body Community Affairs Chair (2014-2017)

- Coordinated official school-wide events for a student body of over 3000 students
- Collaborated with local businesses to sponsor, host, and cater school-events with a budgets of \$2000
- Designed marketing campaigns to garner an average student attendance of over 80%