

MICHELLE CHUANG

CONTACT

✉ mchuang@berkeley.edu

☎ (714)-460 -629

📍 2514 Fulton St.
Berkeley CA 94704

🔗 <https://meeshc.github.io/>

EDUCATION

University of California, Berkeley

Sep. 2015 - May 2019
Major: Computer Science
Second Major: Cognitive Science
GPA: 3.17

Arnold O. Beckman High School

Sep. 2012 - Jun. 2015
GPA: 3.98

TECHNICAL SKILLS

Languages & Frameworks

Proficient: Java, Python
JavaScript,
HTML/CSS,
React

Familiar: C, C#, SQL,
Ruby on Rails

Creative Software

Photo-editing: Adobe Lightroom,
Adobe Photoshop

Graphic Design: Adobe Illustrator

WORK EXPERIENCE

MongoDB *Software Engineering Intern* May 2018 - Aug. 2018

- Implemented and improved UX features in Lobster, MongoDB's test log viewer (JavaScript React)
- Integrated a cluster visualizer into Lobster that mapped log output of tests to cluster behavior
- Added unit tests for the functional React components of Lobster
- Refactored existing Lobster code, utilizing Redux and Flow to reduce redundancy and improve code readability

Computer Science Mentors (CSM) *CS 70 Tutor* Jan. 2017 - May 2017

- Prepared lesson plans and reviews for lectures on topics from the Discrete Mathematics and Probability course
- Taught groups of 5-6 students in weekly 1.5 hour sessions

WattTime *Marketing Strategies Intern* May 2016 - Aug. 2016

- Created marketing materials for a nonprofit startup focused on environmental solutions
- Started a project developing a responsive email template for monthly reports using (HTML/CSS)

PROJECTS

Betrayal - C# (Unity Game Engine) Mar. 2017 - May 2017

- A top-down view game made modeled after the Betrayal House on the Hill board game
- Created character and background art and worked with a team to program the players' actions

Raspberry Pi Jukebox - Python Feb 2017 - April 2017

- A custom wooden jukebox that can play from a preset list of songs or a phone connected via AUX chord
- Coded the program on the Raspberry Pi that interacted with the box's controls to allow the user to change the volume and skip tracks

EXTRACURRICULAR ACTIVITIES

Theta Tau Engineering Fraternity Aug. 2017 - present

Historian

- Documented networking and brotherhood events through photos and videos and created promotional videos

Corresponding Secretary

- Communicated with the alumni and other chapters for various events
- Set up a mentorship system for alumni to help current members with career guidance

Associated Students of University of California Aug. 2016 - May 2017

Design Director

- Oversaw the design process and delegated tasks for creating marketing materials for weeklong dance workshops (turnout of approximately 50 students per workshop)

RELEVANT COURSEWORK

- Data Structures and Algorithms
- Computer Security
- Intro to Database Systems
- User Interface and Design
- Efficient Algorithms and Intractable Problems
- Computer Architecture
- Intro to Artificial Intelligence
- Operating Systems and Systems Programming