

JUSTIN ZHONG

SOFTWARE ENGINEER :: DESIGNER :: STUDENT

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SKILLS

Python, Java, Ruby, SQL, Javascript, C

Illustrator, Photoshop, Experience Design, Ruby on Rails, React, Git

EDUCATION

University of California Berkeley [AUG 2015 : MAY 2019]

Cognitive Science Major and Computer Science Minor

EXPERIENCE

Back End Intern @ ZapLabs [May 2017 : Aug 2017]

- Joined the core search team to refine search experience for real estate companies such as Century 21, ColdWell Banker, ERA, Sothebys Realty, and Better Homes and Gardens.
- Followed AGILE development cycle using Jira to coordinate with QA, product managers, and data scientists
- Utilized Hibernate to interact with SQL databases to optimize existing endpoints and create new features.
- Improved efficiency of Autocomplete API, by implementing a weight and deduping system.

UI/UX Developer and Full Stack Developer @ ASUC Chief Technology Officer [Sept 2016 : Present]

- Founded the UI/UX Team at ASUC CTO to lead the redesign of the website, create flyers, and provide mockups for Berkeley Mobile and Berkeley Time which are used by about 24,000 students at Cal.
- Secured corporate endorsements from Adobe, Doordash and Lyft by providing integrations in our mobile app.
- Led the full stack development of Hermione's (read more below) dashboard using the MERN stack.

Lead Graphic Designer and Web Developer @ Asian American Association [Sept 2016 : Present]

- Created graphics for events featuring BuzzFeed's Steven Lim and Kabam's Kevin Chou.
- Held workshops to teach committee members design principals and techniques in Photoshop and Illustrator.
- Organized rebranding of club through a redesign of the logo, website, apparel and its first style guide.

PROJECTS

Hermione [github.com/justinzh1/Hermione_React, github.com/justinzh1/HermioneRuby]

Hermione is a computer vision project that allows professors to upload lectures through a pipeline which automatically generates annotated webcasts using OpenCV to track professor movement and read blackboards. The online portal allows students to query past lectures for topics and jump to specific timestamps. I developed the front and back end of Project Hermione while working at the ASUC Office of CTO, using Ruby on Rails and React. Currently I am finishing up the backend pipeline, using Box and Youtube API to automate the video processing procedure and refactoring the dashboard from a node.js app to a Ruby on Rails one.

Congregation B'nai Emunah [github.com/justinzh1/Emunah]

Working with our client, Seth Martin, who runs a Jewish synagogue in SF. My team and I followed the AGILE development cycle by working with github, code climate, travis, and pivotal tracker to create a Ruby on Rails app for internal purposes. Through weekly meetings, we crafted user stories, and implemented them across iterations with behavior and test driven development using rspec, cucumber, and capybara.

Asian American Association Internal Tool and Site [github.com/justinzh1/UCBAAA]

Asian American Association is the largest cultural club on campus with over 200 members and was established in 1994. This web app serves as a tool to record the history of the club, to attract new members, and for officers to plan events, manage marketing plans, and document the history of the club in a more organized way. Working with the current officers, I utilized the AGILE development cycle to iterate and develop new features.

[["linkedin.com/in/jzhong28"](https://www.linkedin.com/in/jzhong28), ["github.com/Justinzh1"](https://github.com/Justinzh1), ["behance.com/justinzh"](https://www.behance.com/justinzh)]