Mason Chan Scott

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Education

University of California, Berkeley — Dec '17
B.A. Computer Science

Relevant Coursework:	Data Structures (61B)	Algorithms (170)	Internet Architecture (168)
	Databases (186)	Security (161)	Operating Systems (162)

Technical Skills

Programming Languages	Python, JavaScript (ES6), Ruby, Java, SQL, C
Frontend Development	HTML, CSS, SASS, jQuery, React, Redux, Webpack
Backend Development	Rails, Node, Express, Flask
Databases	Postgres, Mongo DB
Design & Prototyping	Figma, InVision

Work Experience

Software Engineering Intern — May '17 – Aug '17
PowerReviews – Chicago, IL

· Built a dashboard to display 200+ automated tests over various build environments for team of 50+ engineers
· Developed UI layout based on mockups created by product designers using React
· Implemented backend with Rails and fetched test data using the Jenkins API

Frontend Developer — Sept '17 – Dec '17
Innovative Design – Berkeley, CA

· Designed and prototyped hi-fidelity mockups for mobile and desktop web interfaces using Figma
· Collaborated with team of four to design and implement responsive UI for client web projects using React

Software Developer — Sept '16 – May '17
Computer Science Mentors – Berkeley, CA

· Implemented a tutoring platform that links students and mentors together to engage in group tutoring with Rails
· Provides service to 1,100+ students and 120+ mentors for computer science courses at UC Berkeley

Web Developer — May '16 – Aug '16
SafeSpace – Berkeley, CA

· Built an anonymous chat platform geared toward 5k+ UC Berkeley students struggling with mental health issues
· Redesigned web interface and implemented a real-time dynamic system for peer counselor intervention in Rails

Research Assistant — Feb '16 – May '16
SRI International – Berkeley, CA

· Built and tested computational models of neural networks in C to study how neural systems drive skilled behavior
· Developed API to conduct analysis of experimental data using the Python NumPy and Matplotlib libraries

Projects

Personal Photo Portfolio (photo.masonchan.co) — Jan '18

· Developed a photo gallery web application to display photographic work using React and Redux
· Built out backend in Node and Express to handle payments and orders for zines and prints.

YHWH Apparel Website (yhwhapparel.com) — Jan '18

· A student-run philanthropic clothing company that provides financial support to local missionaries and nonprofits
· Developed e-commerce web application using React and Redux and deployed to Heroku

Chat Server — Sept '17

· Implemented a chat server in Python that allows users to converse in different channels over a network