

Edward Huang

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Education

2014 - Present

University of California, San Diego San Diego, CA
B.S. Computer Science | Expected Grad: Spring 2018

Experience

Jun 2017 - Aug 2017

Software Engineer Intern, Macy's.com

- Analyzed and determined external library's upgrade and webpack integration in Mobile Web team client architecture to improve loading time by 1000 ms.
- Implemented lint for Mobile Web server architecture.
- Modeled UX wireframe using Sketch for Macys virtual queue to create a clean and user friendly look.
- Created database associate-facing site in Macy's Virtual queue using Laravel Framework.

Apr 2017 - Jun 2017

Software Engineer Intern, IBM

- Designed and implemented Eclipse Editor Plugins using Java to integrate Pluto Testing framework from virtual machine to modern text editor for testing Z-system Mainframe.
- Developed and redesigned Employee Resource Application from multi-page application to single- page application with AngularJS framework, Cloudant Database, and IBM Bluemix cloud platform.

Sep 2016 - Mar 2017

Software Developer, Mesh.edu

- Designed and implemented UI for an adaptive learning education application, introducing infinite scrolling features using Django framework.
- Implemented a caching device for a progressive web application to improve loading time by 500 ms.

Jun 2016 - Dec 2016

Software Developer, Chen Lab BioNanomaterials

- Designed and implemented ReactJS based GUI for a 3D printing machine used to generate cell scaffolds for bio-tissue.
- Utilized web sockets to connect the application to the physical machine allowing instant feedback on user data input.
- Modeled UX wireframes with Google Material Design.

Personal Projects

Apr 2017

Web Portfolio HTML, CSS, JS, Handlebars

- Responsive portfolio created with simple animations and fluid design to display information and additional projects using HTML, CSS, and JavaScript.

Aug 2016

TrackMe HTML, CSS, JS, Firebase, React, Redux, MochaJS

- Developed a Firebase web application using ReactJS and Redux for users to manage their daily tasks, and implemented search functionality for users to quickly look-up their tasks.
- Linked user authorization to Github accounts, and maintained line and branch coverage using MochaJS.

Leadership

Theta Tau Professional Engineer Fraternity San Diego, CA

- Academics Chair.
- Facilitated the educational and career growth of over 50+ members.

Toastmaster of the Cove San Diego, CA

- Active Member.
- Participated in weekly workshops focused on improving speech and presentation delivery.

Skills

AngularJS · React+Redux · NodeJS · ExpressJS