

Edward Huang

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Education

2014 - 2017 **University of California, San Diego** San Diego, CA
B.S. Computer Science | Grad: Fall 2017

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, Jekyll
- 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