Alexandra Huang

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Objective

To work with and learn from all kinds of people through all phases of the design process in order to inform design decisions and help the users get the best products possible.

Experience

UCSD Department of Computer Science and Engineering   *La Jolla, CA*
Tutor   *Sept. 2014 - Jun. 2016*
- Tutored for *Intro to Programming in Java*, *Intro to Programming in MATLAB*, and *Fluency in Information Technology*
- Held tutor hours to answer students' questions about course material
- Developed labs and homework assignments

UCSD Department of Computer Science and Engineering   *La Jolla, CA*
CSE 3 and CSE 7 Webmaster   *Sept. 2015 - Jun. 2016*
- Designed and developed *Fluency in Information Technology (CSE 3)* and *Intro to Programming in MATLAB (CSE 7)* websites
    - Added responsive design/mobile-friendly view
    - Updated look and feel with Bootstrap
- Maintained both course websites, which involved uploading weekly labs and homework assignments

UC San Diego Dragon Boat Team   *La Jolla, CA*
Webmaster and Historian   *Apr. 2014 - Mar. 2015*
- Built and maintained the previous iteration of the team website
- Took photographs, compiled videos, and managed team's social media

Projects

ItzLit   ***(Link to web app)***
Data Visualization and Design   *Apr. 2016 - Jun. 2016*
- Developed an app that generates the most well-lit routes (those with the highest number of street lights) so that users can pick their ideal route and stay safe
    - Implemented with MongoDB, ExpressJS, and NodeJS

Goal Patrol   ***(Link to web app)***
Design, User Testing, and Development   *Jan. 2015 - Mar. 2015*
- Designed and developed an app to facilitate the process of making and achieving goals by having users work with friends and family members to monitor each other's progress
    - Implemented with MongoDB, ExpressJS, NodeJS, and Handlebars

Education

B.S. in Cognitive Science with Specialization in Human Computer Interaction   *Graduated Cum Laude, GPA: 3.756*
Minor in Computer Science
University of California, San Diego   *2012 - 2016*
- Relevant Coursework: Cognitive Ethnography, Intro to HCI Design, HCI Programming Studio, Practicum in Prof. Web Design, Web Client Languages, Cognitive Design Studio

Skills

UX/Design Tools   Sketch, Invision, Axure, HTML5, CSS3, Bootstrap
CS/Programming   Java, Python, MATLAB, R, SQL, Git, Eclipse, Sublime

Honors & Awards

2012 - 2016   **Provost's Honors**, UCSD Revelle College Provost List   *La Jolla, CA*
2015 - present   **Phi Beta Kappa member**, Phi Beta Kappa Honor Society, UCSD Chapter   *La Jolla, CA*