Alexandra Huang

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Objective

To work with and learn from all kinds of people, inform design decisions, and work on projects that help improve quality of life

Experience

Electronics Technician II   *San Jose, CA*
WESTERN DIGITAL (CONTRACT ROLE THROUGH KELLY SERVICES)   *Jun. 2018 - present*
- Run measurements of hard drive heads for reliability testing
- Run data reduction scripts to generate reports

Computer Science Tutor   *La Jolla, CA*
UCSD DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING   *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

CSE 3 and CSE 7 Webmaster   *La Jolla, CA*
UCSD DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING   *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

Projects

Sunnyside Up   *link to Invision prototype*
IDEATION AND RESEARCH   *Nov. 2018 - Jan. 2019*
- Created a mobile app prototype for the HFES Health Care Symposium Student Design Competition designed to help opioid addicts to recover from addiction
    - Made with Sketch and Invision

ItzLit   *itzlit.herokuapp.com*
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

Education

M.S. in Human Factors and Ergonomics   *GPA: 4.0*
SAN JOSE STATE UNIVERSITY   *2018 - 2020 (expected)*
- Relevant Coursework: Human Factors/Ergonomics, Human Computer Interaction, Engineering Psychology

B.S. in Cognitive Science with Specialization in Human Computer Interaction
Minor in Computer Science   *Graduated Cum Laude, GPA: 3.756*
UNIVERSITY OF CALIFORNIA, SAN DIEGO   *2012 - 2016*
- Relevant Coursework: HCI Programming Studio, Practicum in Prof. Web Design, Cognitive Design Studio, Cognitive Ethnography

Skills

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

Awards & Extracurriculars

Feb. 2019	**HFES Health Care Symposium Student Design Competition Finalist**, SJSU	*San Jose, CA*
2018 - present	**Human Factors and Ergonomics Society**, SJSU	*San Jose, CA*
2015 - present	**Phi Beta Kappa member**, Phi Beta Kappa Honor Society, UCSD Chapter	*La Jolla, CA*
2012 - 2016	**Provost's Honors**, UCSD Revelle College Provost List	*La Jolla, CA*
2012 - 2016	**Team member, Historian/Webmaster and Secretary**, UC San Diego Dragon Boat Team	*La Jolla, CA*