Jessica Lupanow

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EDUCATION

MS/PhD, Computer Science
Human-Robot Interaction Focus
University of Southern California
MS Expected May 2020
PhD Expected May 2023

BS, Engineering with Distinction
Minor in Creative Writing
Harvey Mudd College
May 2018

SKILLS

Research
User Interviews
Persona Development
User Stories/User Scenarios
Storyboarding

Design
Photoshop
Sketch
Rapid Prototyping
Web Design

Development
Git/Github
HTML/CSS/Bootstrap
C++
Python

RELEVANT COURSES

Interaction Design & Usability Testing
Engineering Design
Human-Robot Interaction
Intro to Cognitive Science
Psychology of Collaboration
Project Management

EXPERIENCE

Aug 2019 – Present
Web Designer and Developer
Sentry Mirror | Valencia, CA
- Modernizing the company's website through the creation of new media and a full site redesign while maintaining the desired information architecture
- Creating a more convenient shopping process for customers by incorporating eCommerce options (under development)

Aug 2018 – Present
NSF Doctoral Research Fellow
Interaction Lab at USC | Los Angeles, CA
- Improving the social skill development of children with Autism Spectrum Disorder through the creation and testing of a socially assistive robotic tutoring platform
- Designing interaction flows through storyboarding and computational modeling
- Addressing the needs of children with Autism Spectrum Disorder in web-based activity creation
- Mentoring 5+ undergraduate and graduate students

Jun 2017 – Aug 2017
Technical Intern
Northrop Grumman | Huntsville, AL
- Solved reoccurring performance reporting issues with a dashboard for managers and executives
- Wireframed with PowerPoint and Excel for walking stakeholders through dashboard functionality
- Practiced Agile methods on 4 person team

PROJECTS

Website Redesign for Small Business
Reinvigorating outdated website for local small business through user research, wireframes in Sketch, regular design critiques, and usability testing (in progress)

Responsibility in Human-Robot Interaction
Investigated the effect of human-like features on attribution of responsibility for failures during collaborative tasks