Andrea M. Relova

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Portfolio: https://andrearelova.com/
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Dribbble: https://dribbble.com/andrearelova

Education

University of Florida, Wertheim College of Engineering   December 2022

Bachelor of Science in Engineering with a Major in Computer Science
- GPA: 3.3
- Minor: Linguistics

Professional Projects

Laundr   Fall 2020

E-Commerce Website, Frontend Developer
- Worked with a project lead, scrum master, and backend developer to create a web application for a local laundry company in Agile software development-style
- Focused heavily on implementing website's UI; created high-fidelity wireframes with Adobe XD
- Created web application with React.js, HTML/CSS, Firebase, npm, and GitHub; utilized APIs such as pixi.js, stripe.js, and email.js

Loss Prevention Research Council   Fall 2020

Zone 4 Design Research Project
- Worked with a team of three other students to research how to create a better user experience for retail customers in the "Zone 4" of a retail space (i.e. the parking lot and any land leading to the front entrance)
- Interviewed the client, ran focus groups, created personas and storyboards, and wrote design documentation to determine what the user needs in a retail space's Zone 4 are, both in and out of a COVID-19 situation
- Designed the ideal curbside pickup app (using Figma and Invision) to complement the Zone 4 experience and tested its prototypes with users

Personal Projects

Portfolio Website   Summer 2020
- Created a portfolio website using React.js, HTML/CSS, npm, and GitHub to feature my personal projects
- Designed the website's wireframes and prototypes with Adobe XD
- Utilized Material UI for some visual components such as grids and dialog boxes; utilized Email.js for a contact form

Six Web Application   Summer 2020
- Created a web application that uses the graph data structure and a breadth-first search with the Spotify Web API to determine how many "degrees of separation" lie between any two musical artists the user inputs
- Collaborated with a team of two other student developers to create the web application with React.js, HTML/CSS, npm, and GitHub
- Responsible for designing the UI of the website using Adobe Photoshop, and later implementing it with teammates

DailyUI   Summer 2020-Present
- Self-assigned 100 prompts from the DailyUI program to design various web or mobile screens such as a sign-up form, an e-commerce checkout page, and others
- Utilized this project to practice with multiple high-fidelity wireframing tools such as Figma and Adobe XD
- Incorporated design knowledge such as the Gestalt Principles of Design to create intuitive and appealing wireframes

SwampHacks VI   January 2020
- Worked with a team of three to begin learning web development in React.js; attended workshops and training sessions in order to learn about web development

Skills and Relevant Coursework
- Technical Skills: C++, Java, React.js, HTML/CSS, Git/GitHub, npm
- Creative Skills: Figma, Adobe XD, Photoshop, InDesign, Lightroom
- Relevant Coursework: User Experience Design, Software Engineering, Data Structures and Algorithms, Programming Fundamentals 1&2, Computer Organization, design lessons on HackDesign

Leadership

Alpha Phi International Women's Fraternity   November 2020-Present

VP of Diversity, Equity, and Inclusion; Executive Council
- Worked with a team of a president and seven other vice presidents, helped oversee the allocation of a budget of over $900,000; managed a team of three directors and worked with an advisor from the International Office
- Utilized resources from Alpha Phi, UF, and other organizations in order to educate chapter members and create policies related to diversity and inclusion; utilized several project management tools in the execution
- Served on a judiciary board committee to ensure professional conflict management and a fair, inclusive space based on members' actions