

Andrea M. Relova

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Portfolio: <https://andrearelova.com/>
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Education

University of Florida, Wertheim College of Engineering

December 2022

Bachelor of Science in Engineering with a Major in Computer Science and a minor in Linguistics

- GPA: 3.38

Internships

Quantum Interface

Software Engineering and Design Intern

June 2021 - Present

- Became acquainted with Quantum Interface's JavaScript SDK for one of their core technologies, a QPoint. Applied the QPoint SDK to multiple web applications.
- Used Figma to design multiple concepts and wireframes with QI's Lead User Interface Designer.
- Worked with the DevOps Engineer to deploy multiple web applications to QI's S3 bucket.

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.

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, 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 a curbside pickup app (using Figma and Invision) to complement the Zone 4 experience and tested its prototypes with users

Personal Projects

MapTalk

March 2021

- Created a website interface for two users to communicate in any two different languages with each other for the purpose of giving directions on campus.
- Utilized the Google Translate API to aid in translation of text.
- Designed the interface with Figma, created the website with React.js, and deployed with Firebase.

Herbal History

January-April 2021

- Performed contextual inquiries, focus groups and interviews with multiple test subjects in order to study their habits and determine user needs
- Responsible for designing a high-fidelity prototype using Figma of the entire application's interface
- Helped develop the frontend of the application using React Native, specifically the settings menu.

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 Figma
- 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

- Worked with a team of two others to create a web application that determines the number of "degrees" between two musical artists based on who they have collaborated with
- Utilized the Spotify Web API for the musicians' data.
- Utilized a Breadth-First Search algorithm to determine the amount of degrees between two artists.

Skills and Relevant Coursework

- Technical Skills: C++, Java, React.js, HTML/CSS, Git/GitHub, npm
- Creative Skills: Figma, Adobe XD, InDesign, Lightroom
- Relevant Coursework: User Experience Design, Human-Computer Interaction, Digital Arts and Sciences, Software Engineering, Data Structures and Algorithms, Operating Systems, Programming Fundamentals 1&2, Computer Network Fundamentals

Leadership

Alpha Phi International Women's Fraternity

November 2020-Present

VP of Diversity, Equity, and Inclusion; Executive Council

- Utilized resources from Alpha Phi, UF, and other organizations in order to educate members and create policies related to diversity and inclusion; utilized project management tools in the execution like Basecamp
- Served on a judiciary board committee to ensure professional conflict management and an inclusive space based on members' actions
- Worked with a team of seven other Vice Presidents, a chapter president, and an advisor to manage a chapter of about 200 members.