Elyssa Winch

Full-Stack Developer

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Portfolio

I'm a designer, a writer, and a front-end developer with a keen eye for aesthetics and a knack
for solving complex problems. Every day, I strive to learn new skills, to collaborate and create, to
grow both personally and professionally and provide insight to my peers. I can bring my skill
with visual design, HTML, CSS, Javascript, to any team.

Skills

Languages | JavaScript, HTML, CSS, Python, TypeScript, SQL
Libraries and Frameworks | React, Node.js, Express.js
Database | PostgreSQL, Sequelize, ORM, MongoDB, Mongoose, ODM
Other | RESTful Routing JSON, Adobe Creative Cloud

Projects

Spell Checkers - Browser-based game   **Dec 2020**
HTML, CSS, Javascript, Canvas
A browser-based video game built entirely in front-end using Canvas. Spell Checkers is a typing
game/dungeon crawler crossover, demonstrating input systems, random generation, and
particle physics, and utilizing custom self-made graphics.

PotLucky! - Full-stack App   **Jan 2021**
Postgres, Sequelize, Node, Express, Axios, Mapbox
A community-kitchen app made with the PEN (Postgres, Express, Node) stack, using Axios and
Mapbox API geocoding to find food donation requests in the area, connecting users through
in-app direct messaging to coordinate drop-offs.

Sun Voyage - Decoupled React App   **Feb 2021**
React, MongoDB, Mongoose, Express
A solar sytem travel guide, made as part of a three-person team with the MERN stack. Used
Github for version control, and handled front-end styling and responsive design.

Skyfarer - Real-Time Play-by-Post   **Mar 2021**
React, MongoDB, Mongoose, Express, Socket.io
A real-time chat where users can play the TTRPG system Skyfarer. A custom-made text parser
allows users to roll dice and take action, while Socket communicates their information across all
connected players.

Professional Experience

Delta General Insurance | Houston, TX   01/2020-10/2020
RPA Developer
- Developed RPA workflows that automated 300+ tasks per month
- Updated and maintained company SQL database
- Researched new technologies and techniques to add to the company tech stack, improving workflow
- Drafted user documentation for 80+ coworkers to easily access new technologies

Tobin Center for the Performing Arts | San Antonio, TX   09/2018-10/2019
Box Office Customer Service Representative (CSR)
- Provided award-winning customer service
- Managed and organized fellow CSRs
- Performed data entry and aided database management
- Developed skill with new software and technology, such as Audience View

Education

Software Engineering Immersive Program   12/2020 - 3/2021
General Assembly | Remote
Full-stack software engineering immersive student in an intensive, twelve-week, 450+ hour program focused on product development fundamentals, object-oriented programming, MVC frameworks, data modeling, and team collaboration strategies. Developed a portfolio of individual and group projects.

Bachelor of Arts Degree in English   06/2018
University of Houston, Houston, TX