Parker Throneberry

Web Developer Intern

Techical Projects

3D Printing Application

print.parkert.dev

- Development: Engineered a full-stack 3D printing application, from a React front-end to a Node.js backend.
- User Interface: Designed a user interface, allowing users to upload STL files, choose print quality, and interact with a real-time 3D preview of their model.
- File Processing: Engineered a backend that processes STL files to gcode using Prusaslicer.
- E-Commerce Capabilities: Integrated a shopping cart system enabling secure order placements and payments through the Stripe.js API.

Transcoding Application

transcoder.parkert.dev

- Development: Designed a web app that transcodes media to H.265/HEVC codec.
- User Interface: Constructed using React, it allows for video file uploads to the backend for processing.
- Backend Processing: Utilizes HandBrake for transcoding videos to H.265/HEVC codec.
- Frontend Reception: Once transcoded, analytics on file size reduction as well as the final video are presented to the user.

Home Page Application

home.parkert.dev

- Development: Developed a home page application providing weather updates and customizable user settings.
- Weather Functionality: Integrated the OpenWeather API to allow users to input their zip code and receive local weather data and forecasts, enhancing the application's interactivity and personal relevance.
- Customization Features: Designed an interface that allows users to change the application's background from an array of images or by inputting a custom URL.
- User Settings: Users may toggle temperature units between Celsius and Fahrenheit, and update their zip code.

Work History

2019 - 2020

Front Desk Associate

City of Richardson, TX

- Facilitated enrollment in municipal events and classes.
- Collaborating with patrons on planning and reservations
- Provided technical and transactional support via telephone.

2017 - 2018

Pool Manager

City of Richardson, TX

- Supervised a team of up to twenty, fostering a collaborative work environment and developing leadership skills.
- Monitored patron activities, ensuring adherence to safety protocols and quick response to incidents.
- Implemented emergency response strategies, maintaining a safe environment.

Contact Information

Email
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972-301-8521

GitHub
github.com/pht1207

Website
parkert.dev

Education

2021 - present

Information Technology, BS

University of North Texas at Dallas, Dallas, TX.

2019 - 2021

Criminal Justice, AS

Dallas County Community College District, Dallas, TX.

Certifications

A+ Certification

CompTIA

Expertise

React

Node.js

MySQL

Linux

JavaScript

Hobbies and Interests

- Web development projects
- Kayaking
- Linux projects
- Fitness