Ryan McGuire

Software Developer

Highly creative audio technician with a love for design. An extensive career in sound engineering provided many introductions to various software applications. This made it apparent that software development is the professional landscape of the future. Looking forward to working in an industry where dynamic tools can be leveraged to solve problems and drive innovation.

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Technical Skills

HTML CSS   JavaScript   BootStrap   VCS with Git   Paired Programming Thymeleaf Test-Driven Development
Java SE MySQL Spring Boot Framework JQuerry Object-Oriented Programming   Java EE (Servlets, JSP)

Development Projects

Contacts Manager

A command line application that allows users to view, add, search, and delete contacts using Java to read, write and update an imported file.

Movie Application

A web application allowing a user to create, edit, delete and rate a collection of movies using HTML, CSS, Javascript that utilizes a CRUD method. jQuery and AJAX requests that integrates a movie API is utilized to populate posters for any movie that is added.

Weather Map

A web application displaying a seven day weather forecast for the user selected location on a world map. Used HTML, BootStrap CSS and Javascript with jQuerry that integrates the Mapbox API and OpenWeather API.

Coffee Project

Paired programming project to create a web application that allows users to navigate through the stock of a mock coffee shop. Users are able to add items, view prices, edit items, and delete items. Made with JavaScript and Bootstrap CSS.

Echoe-Vault

A full stack application designed to give people an easy and convenient location to share memories of loved ones with stories, photos, and more. Users can register/ log in and then create memorial pages or "Echoes" for of loved ones. They can then edit or delete their Echoes. Users can also leave memories on others echoes much like a Facebook post, which can be edited and deleted. Made using HTML, Materialize CSS, Java, Spring boot, MySql, Thymeleaf, Javascript and jQuery.

Professional Experience

SeaWorld - San Antonio Texas   **Feb. 2007 - Aug. 2020**

Recording Studio Engineer

• Responsible for the creation and quality of audio content for all attractions, background music, announcements and rides

• Implemented creative solutions for audio show control using both audio software, and audio hardware for all of the animal attractions and performer attractions

• Coordinated with production leaders and audio technician teams on the building of content for background music and announcements, rides audio, and show control for all attractions.

Entertainment Technical Services A/V Asst. Supervisor

• Responsible for onboarding, scheduling, and training of all park audio technicians.

• Maintained relationships, and coordinated with service and equipment vendors for purchases, rentals, contracts and repair services for all audio equipment and audio contracted services

• Responsible for project planning and coordination for the install and maintenance of all audio systems for all park seasonal transitions including season opening, spring break, summer, Halloween, and Christmas.

Lead Audio Show Operator

• Responsible for the onboarding and training of all audio show operators

• Evaluated audio for all the attractions and gave constructive feedback and guidance to the audio operators

• Assisted with the installation and maintenance of audio systems, both park wide and attraction specific

Education

CodeUp   **2021**

Certificate of Completion

A fully-immersive, project-based, and intensive 20 week full stack Java career accelerator that provides students with 670+ hours of expert instruction in software development.

Mediatech Institute   **2006**

Certificate of completion

A two year, hands on training program for recording ,mixing, mastering studio techniques, live sound reinforcement, audio post production, song writing, music production, and music business in a professional multi studio complex.