

Ryan McGuire

Software Developer

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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.

Technical Skills

HTML - CSS - Bootstrap - JavaScript - jQuery - Java SE - Java EE (Servlets, JSP) - Spring - MySQL - Thymeleaf - Object-Oriented Programming - Test-Driven Development - Version Control with Git - Paired Programming

Development Projects

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 or login and then create memorial pages or “Echoes” for 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.

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 jQuery 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.

Professional Experience

SeaWorld - San Antonio, TX

Recording Studio Engineer / Sep 2016 - Aug 2020

- 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.

SeaWorld - San Antonio, TX

Entertainment Technical Services A/V Asst. Supervisor / April 2009 - Sep 2016

- 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.

SeaWorld - San Antonio, TX

Lead Audio Show Operator / Feb 2007 - April 2009

- 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

Certification of Completion

Sep 2020 - Apr 2021

A fully immersive, project-based, and intensive 22-week Full-Stack Java Career Accelerator that provides students with 670 hours of expert instruction in software development

Mediatech Institute

Certificate of Completion

Jan 2004 - Nov 2006

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