Blake Lein

Software Developer

blake.lein@gmail.com | (972) 345-1285
Pearland, TX 77581
blakelein.com | LinkedIn | GitHub

Full-stack software developer and former public school educator with an aptitude for programming languages and a deep interest in how things work. Exceptional communication, team-building, and organizational skills.

TECHNICAL SKILLS

Git, Python, Object Oriented Programming, HTML, CSS, REST APIs, Node.js, Express.js, Relational Databases, PostgreSQL, Sequelize, React.js, Redux

TECHNICAL PROJECTS

The Chuck Wagon | View on GitHub | Explore Chuck Wagon

- *Front end constructed in React Redux.*
- *Storage in local state with Redux Persist and fully responsive on all devices.*
- *Custom items and e-commerce style functionality to simulate online shopping.*

Blackjack | View on GitHub | Explore Blackjack

- *Front end constructed with vanilla Javascript and HTML. CSS imported and adjusted.*
- *Full DOM manipulation for selecting, manipulating, and appending items.*
- *Custom gaming and betting logic in vanilla Javascript.*

Discover America | View on GitHub | Explore Discover America

- *Organized project goals and system design to* deliver *a minimum and optimal product by a deadline.*
- *Calls information from theNational Parks Service and Open Weather REST APIs to deliver real-time information.*
- *Responsive to devices of all sizes.*

Musicly | View on GitHub | Explore Musicly

- *Full-stack coding library to provide instructors and students a way to set up and track private lessons*
- *Information stored in relational database (PostgreSQL) using Express.js and Sequelize*
- *Routes protected and session storage allows users to only see information pertinent to them*

EXPERIENCE

Assistant Director of Bands — Rogers Middle School, Pearland, TX — 2017 - 2022

- Oversaw the musical instruction of over 800 students
- Tracked program instrument inventory for over 350 students
- Managed trip logistics including bus transportation and booking events and venues
- Planned and directed rehearsals for beginner classes and a large concert ensemble

Assistant Director of Bands— Bailey Middle School, Spring, TX — 2015 - 2017

- Introduced music to over 150 beginning band students
- Bands received highest possible ratings at contest including "Best in Class" awards

EDUCATION

Digital Crafts — 06/2022 - Present
Certificate in Full Stack Development

University of Houston — 08/2010 - 08/2015
Bachelor of Music Education and Tuba Performance - Magna Cum Laude