

JACK PARSONS

SOFTWARE ENGINEER

CONTACT INFORMATION

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PERSONAL PROFILE

As long as I can remember, I have always loved taking things apart and trying to put them together. If it wasn't obvious how something worked, it became my mission to figure out exactly how it worked. After years of figuring out how music and electronics worked, I finally asked myself "how exactly do computer programs work?" That question led to hours of googling, which led to courses on edX and Codecademy, which finally led to my enrollment at Nashville Software School.

TECHNOLOGY USED

- JavaScript
- React
- HTML5
- CSS3
- JSON server
- Python
- Git/GitHub
- SQL
- Django

EDUCATION

Nashville Software School

Full-Stack Web Development Bootcamp

Berklee College Of Music

Bachelor of Music, cum laude, 2013

SOFTWARE EXPERIENCE

Nashville Software School Jan.

Day Cohort 38 (January 2020 - Present)

Intensive full-stack software development bootcamp (JS/React front-end, Python/Django back-end)

- Built browser-based programs and applications using **HTML**, **CSS**, **JavaScript**, **React**, and **JSON** while learning the fundamentals of **OOP** in individual and group based projects
- Used **GitHub** to enable source code version control and collaborative programming
- Virtual group collaboration and learning via **Zoom**

Individual Projects

pdIBord *(github.com/jcksnparsons/pdIBord)*

An app designed to allow the user to build a library of presets based around a number of audio-modulators ("pedals"). Users can input audio via an audio-interface, build a preset with several different types of pedals (distortion, chorus, reverb, etc.), and modify the audio in real time based on the parameters of the pedals. Built using **React** with **JSON Server** for data storage, **Tone.js** library for audio manipulation, and **CSS** for styling.

Group Projects

React Nutshell

- Worked in a four person team on a single page social media app with full **CRUD functionality** using **React** framework for automation & streamlining and **JSON Server** for persistent data storage
- Implemented log-in functionality and messages component, allowing users across the app to post, edit, and delete their messages, as well as read other users messages

PROFESSIONAL EXPERIENCE

Professional Musician and Music Education 2011-present

- Performed as professional musician from the age of 15 onward, playing concerts in a variety of genres across the world
- Taught students aged 7-80+ music fundamentals, guitar technique, advanced music theory, stylistic tendencies, and audition prep

Service Industry

2014-2020

- Worked with teams to efficiently serve patrons while also handling bookkeeping duties, improvement projects, and general upkeep
- Served in quasi-managerial roles and was often asked to coordinate special projects and events, such as catering and off-site opportunities