

# Demian Sims

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**Full stack software engineer** who **loves** writing **code** that's **useful for society**. A background in commercial **music composition** and **audio editing**. I have many years of **experience** working with clients to **create, revise** and **deliver a final product**. My first computer was a **COMMODORE 64** and I finished the **2018 NYC Marathon!**

## EMPLOYMENT HISTORY

**TML Information Services (Checkr)**, Westbury, NY **Fullstack Software Developer**, *09/2019 - 06/2020*

- + Built internal applications in Ruby on Rails, React, Redux to modernize a SQL based data system
- + Created Ruby scripts to be run as cron jobs and service workers
- + Designed a Dashboard style app to monitor incoming data and show status of data integrity
- + Used AWS platform to deploy applications using RDS, S3, Lambda, API Gateway and CloudFormation

**The Music Playground (fmr: The Lodge Music)**, New York, NY Senior Composer, *08/2006 - 05/2018*

- + Captured the feeling a client needed for their brand in music
- + Worked with producers to translate client speak to music speak
- + Composed several short films working closely with the director to convey the music needs of the film

## TECHNICAL SKILLS

**ReactJS, React Native, Redux, Javascript ES7, NodeJS, HTML5, CSS3, Ruby, Rails, Python, Django, PostgreSQL, MySQL, AWS platform, DevOPS to AWS, Git, TDD, GatsbyJS, GraphQL**

## TECHNICAL PROJECTS

**Dashboard** - [Github](#) | [Heroku](#) *A public facing dashboard application showing status of MOVr services coming from the states*

- + Built a Ruby on Rails API and React/Redux frontend
- + Implemented home grown Auth for CRUD work by TML employees
- + Deployed API to serverless Lambda using Ruby on Rails and S3 bucket for static React frontend on AWS

**Faunagram** - [Github](#) | [Demo](#) *A social media app for sharing all things urban wildlife*

- + Created Rails API backend with Active Storage and JWT
- + Organized models so that a user can post a sighting along with animal information database
- + Built a React frontend where users can sign up and post animal sightings

**CoderCards** - [Github](#) | [Heroku](#) *A flashcard app where users can create decks and cards for code study*

- + Uses React frontend and Rails backend with JWT
- + Modified Users, Decks and Cards allowing for Users to create separate Decks of Cards
- + Implements fun card flipping animation with CSS and scrolling allowing for long descriptions

**The Upside Down** - [Github](#) | [Demo](#) | [Heroku](#) *A fun take on the 3 door Monty Hall based on Stranger Things*

- + Reveals either Eleven or a Demogorgon based on door choice
- + Listen to Stranger Things theme music while playing
- + Uses vanilla Javascript, CSS, HTML

## EDUCATION

**Flatiron School NYC** - Software Engineering Immersive - 2019

- + Focused on Ruby, RoR, ActiveStorage, Javascript, React, Redux and related technologies to these frameworks
- + Built 4 full projects with learned technologies including HTML5, CSS3, RoR 'vanilla' Javascript, React, Redux
- + Learned a variety of debugging techniques for Ruby and Javascript

**Bachelors of Art, University of Miami**, Coral Gables, FL. (One of the top music schools in the country)

- + Focused on studio music and jazz/studied composition and arranging

