

Damon Rocha

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SOFTWARE ENGINEER

Experienced in Ruby on Rails and JavaScript-based programming with a background in C++ and Python. Detailed Math, Calculus, and Physics background centered around electronics and science. Possess strong skills in team-building and project management that help engineering and technical companies produce optimized results. Has the ability and desire to learn any and every skill.

TECHNICAL SKILLS

Ruby, Rails, SQL, Javascript, React, C++, Python, Computer Science, Computer Assembly, and x86 Assembly language

TECHNICAL PROJECTS

GalaxyScout - <https://github.com/dmarcr1997/GalaxyScout> | <https://www.youtube.com/watch?v=Emud4GU9GgQ&t=1s> or <http://galaxyscout.herokuapp.com/>

Ruby on Rails Application for browsing and creating pictures from space

- Regulated data using Active Record associations and rails server
- Implemented Nested Routes to show model associations
- Created index scope to sort data by comments and creator
- Utilized PostgreSql database

Assignment Hog - https://github.com/dmarcr1997/SinatraProj_AssignmentHog | <https://www.youtube.com/watch?v=q3J1jAKRQeo>

Sinatra based online classroom for students to communicate and track assignments

- Included shotgun server to open site in browser
- Used SQLite database to handle data
- Applied sessions and has_secure_password to control site access
- Stored user ID as foreign key in message table to allow users to create and send private messages to other users

SyntheticAi - <https://github.com/dmarcr1997/synthetic-ai> | <https://www.youtube.com/watch?v=S-0TE-VRugl> or <https://dmarc1997.github.io/Synthetic-ai-production/>

Javascript front-end with Rails API back-end AI application

- Administered Brain.js to allow use of AI in browser
- Parsed PostgreSql data to JSON serializer to communicate data from Rails Api to JavaScript Code
- Created JavaScript classes to separate concerns between AI, Users, and overall webpage
- Implemented ES6 syntax to allow cleaner code and better context

EXPERIENCE

UPS Sherman, TX

Seasonal Package Loader

07/2018 - 03/2019

- Streamlined customers parcels arrival by creation of system to organize packages
- Produced better results for drivers by partitioning package line distribution and helping co-workers

Kohl's Sherman, TX

Home and Kids Supervisor

04/2017 - 07/2018

- Created better shopping experience for customers by overseeing clean-up, updates, and management of Home and Kids area.
- Strategically directed monthly projects with a team to reorganize Home and Kids area to match the monthly merchandise plan given-for a larger store.

EDUCATION

Flatiron School Online

Full Stack Web Development, Ruby on Rails and JavaScript program

01/ 2020 - 06/2020

Grayson County College Denison, TX

Associates of Science General Studies 12/2017

08/ 2015-12/2019

Associates of Science Computer Science 12/2019