Daniel Morgan

Software Engineer

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SKILLS

JavaScript, React, Redux, HTML, CSS, Ruby, Ruby on Rails, Mongoose, MongoDB, Node.js, Express.js, SQL, SQLite3, PostgreSQL, Webpack, jQuery, Git, Heroku

PROJECTS

Catapult   Live Site | Github

Catapult is a clone of the website Kickstarter using ruby, rails, javascript, react, redux, and CSS.
- Incorporated Javascript, React, Redux, and AWS to allow users to build their own projects, view the most recent projects on the homepage, or view all projects by the selected category.
- Employed Ruby and Rails to construct the database and schema to allow for storage of users account information, projects, and categories.
- Adapted React/CSS logic to allow one page to appear as five different pages with the capability of clicking forward to the next page and backwards to the previous page.

Get Set - Backend Lead   Live Site | Github

GetSet is a team built photo comparison scavenger hunt game where users can create and participate in photo hunt challenges, using javascript, react, redux, Mongoose, MongoDB, and AWS.
- Utilized the resemble API alongside AWS to show the similarity percentages between up to 10 images at a time.
- Designed and built four separate schemas and validations using Javascript, Mongoose, and MongoDB to allow users to build and store account information within the database.
- Constructed all backend routes to and from every page, along with corresponding error messages using express.js middleware

Texas Hold'Em Challenge   Live Site | Github

Texas Hold'Em Challenge is a single-player poker room built using Javascript, HTML, d3.js, and Canvas.
- Integrated Pokersolver.js API to solve for every combination of possible poker hands and return the winning hand, and added to it functionality to detect the winning player.
- Built the entire frontend using Canvas, d3.js, and CSS to allow animations of poker chips sliding into the pot on a bet and sending the pot back to the winning player, as well as live updating of the scoreboard to reflect player chips remaining.
- Developed a custom AI bot that calculates the expected value on every turn to allow a user to play against computer players.(in development).

EXPERIENCE

Analyst

LivePerson   Sept 2019 - Mar 2020
- Worked closely with a software engineer in running over 3,000 tests for an internal sales application(Quote-Builder), from the front-end of the website all the way through to making sure the data flowed through properly to Salesforce.
- Built workflows for Quote-Builder using LucidChart, documenting each step of the process from signing up with email all the way through to the confirmation email for every different order and payment type(credit card, wire transfer, etc)
- Stepped in to the billing team to close out over 1,000 pending billing queues, while still building the workflows and testing on QuoteBuilder.

Junior Trader

Mirae Asset Global Investments   June-August 2018
- Traded equities, options, and other instruments in developed and emerging markets using Bloomberg's EMSX platform.
- Analyzed market news and trading flows and relayed all relevant information to five portfolio managers and 10+ analysts.

Operations Specialist

*R. Seelaus *& Company/GraniteSprings Asset Management*   September 2016- May 2018
- Reconciled Bloomberg trader workspace position sheet with BTIG prime brokerage account.
- Wrote request for proposal drafts for the banking team to request the opportunity to issue municipal debt on behalf of different municipalities across the country.

EDUCATION

App Academy - Immersive software development course with focus on full stack web development (Spring 2020)

University of Delaware - *Bachelor of Science - Finance* (Spring 2016)