
ADIL

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SKILLS

Programming: Java / Python / JavaScript / C++ / SQL

Technologies: AWS / Heroku / NodeJS / ReactJS / PostgreSQL / Spark / Scikit-learn

EMPLOYMENT

180ByTwo

Software Engineer Intern

Tampa, FL
Aug-Oct, 2018

- Improved fuzzy string matching from 60% matched entries to 90% matched entries by implementing machine learning algorithm using Python's Dedupe library.
- Improved the performance of several Spark queries operated on big data sets from running for hours to running for minutes by reducing the number of aggregate functions and caching.
- Helped data analysts with data visualization by means of Python's matplotlib library as well as wrote Slack Bots to keep our analysts up to date with the newly incoming data.

Vixlet

Software Engineer Intern

Los Angeles, CA
Jun-Aug, 2017

- Developed and integrated two NodeJS REST API endpoints that serve thousands of clients that are responsible for providing data on a user's favorite sport team information.
 - Ensured the quality of the NodeJS REST API endpoints by performing extensive unit testing using Mocha, Chai, and Sinon frameworks.
 - Closely collaborated with front-end engineers to help them coordinate and outline the design of the feed feature.
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PROJECTS

Gameoflif.herokuapp.com (GitHub pinned)

- Browser simulation of "The Game of Life" where one can set an initial state and run a simulation.
- The project is built using ReactJS, Bootstrap, GSAP and deployed on Heroku platform.

Filmposterlookup.herokuapp.com (GitHub pinned)

- Website to lookup the poster of your favorite film.
- The project is done by using JavaScript DOM manipulation with animation done using GSAP library hosted with NodeJS and deployed on Heroku platform.

MDS Algorithm Visualizer (GitHub pinned)

- Desktop application that displays the graph before and after the dimensionality reduction implemented using the MDS Algorithm.
- The UI built using Tkinter. The logic build using python Scikit-learn, Matplotlib, and Networkx libraries.

ShoppOn (GitHub pinned)

- Online shopping simulator that has a custom build registration, login, search, and add to cart features.
 - The project is built using PHP, PostgreSQL on the backend with front end done using CSS and JavaScript.
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EDUCATION

Bachelor of Science in Computer Science University of South Florida

Tampa, FL
May, 2019

- GPA: 3.24
- Society of Competitive Programmers at USF (USFSCP)