ADILBEK MOMUNALIEV

(813)766-5792
saken.nomad@gmail.com
Linkedin: adilbek-momunaliev
GitHub: github.com/adilnomad
adilnomad.github.io/website

SKILLS

Languages
Python
Java
C++
JavaScript
HTML / CSS
SQL

Technologies
Node.JS
React
Redux
AWS
Docker
PostgreSQL
Scikit-learn

Big Data
Spark

EDUCATION

University of South Florida
B.S. Computer Science
Aug 2015 - May 2019

Relevant Coursework:
Analysis of Algorithms
Data Structures
Operating Systems
Database Design
Geo Machine Learning
Computer Architecture
Image Processing

Campus Involvement:
USF Society of Competitive
Programmers (2018-2019)

WORK EXPERIENCE

Software Engineer Intern - 180ByTwo   Aug-Oct, 2018
- Conducted analysis of large proprietary data sets to develop clever marketing programs for clients.
- Re-wrote queries on Spark platform to speed up execution from days to a couple hours, enabling the delivery of marketing campaign data in a timely manner.
- Solved the problem of joining two datasets by using Dedupe.io API, improving the accuracy of matched entries from 60% to 91%
- Wrote Slack bots to automatically notify everyone of new data and its location in our directory

Software Engineer Intern - Vixlet   Jun-Aug, 2017
- Developed and integrated REST API endpoints that would supply information on the user's favorite athletes and sports teams.
- Performed extensive unit testing of the endpoints using Mocha, achieving consistent response within 200ms under the load of serving thousands of clients.
- Collaborated with front-end engineers to help them coordinate and outline the format and structure of the API data.

PROJECTS

The Game of Life Website | Github
React, Bootstrap, GSAP, Heroku
- Browser game where one can set a state and run simulation to see what type of patterns will emerge.
- Implemented a small library of the discovered patterns such as glider, pulsar etc.

Film Poster Lookup Website | Github
JavaScript DOM, GSAP, NodeJS, Heroku
- Website to lookup the poster of your favorite film.
- Implemented the project consuming the data from IMDB API and displaying it using DOM manipulation.

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

ShoppOn   Github
PHP, PostgreSQL, CSS, JavaScript
- Online shopping simulator with custom build registration, login, search, and add to cart features.