ADILBEK **MOMUNALIEV**

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TECHNICAL SKILLS

Languages: Java / JavaScript / Python / C++ / SQL / HTML / CSS

Technologies: AWS / Heroku / Node.JS / React / Redux / Git / Spark / Docker / PostgreSQL / Express / Scikit-learn

INTERNSHIPS

180ByTwo — *Tampa, FL*
Software Engineer Intern — *Aug-Oct, 2018*

- Conducted analysis of large proprietary data sets to develop clever marketing programs for clients.
- Re-write queries on Spark platform to speed up execution from days to couple of hours, resulting in delivering valuable 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 that would notify everyone of new data and its location in our directory, preventing a headache of manually searching for data folder after folder.

Vixlet — *Los Angeles, CA*
Software Engineer Intern — *Jun-Aug, 2017*

- At Vixlet, my primary contribution was the development and integration of the 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.
- Closely Collaborated with front-end engineers to help them coordinate and outline the format and structure of the API data.

EDUCATION

University of South Florida — *Tampa, FL*
BS in Computer Science — *May, 2019*

- USF Society of Competitive Programmers

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

PROJECTS

The Game of Life | [link](#)

- 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.

ShoppOn | [link](#)

- 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

Film Poster Search | [link](#)

- 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 | [link](#)

- 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.