Sayeef Alam
Software Engineer

New York City   914-320-8450   sayeef.i.alam@gmail.com   www.sayeefalam.com   LinkedIn   Github

SKILLS

JavaScript, React, Redux, HTML, CSS, Ruby, Ruby on Rails, Mongoose, MongoDB, Node.js, Express.js, SQL, PostgreSQL, SQLite3, Webpack, jQuery, Git, Heroku, Amazon Web Services (AWS), D3, VBA

PROJECTS

InFit | Team Lead | *(React/Redux, Node.js, MongoDB, Express)*   **live** | **github**
Full Stack web application that lets you store, categorize, and share clothes in your wardrobe.

- Directed the look, feel, and functionality of the product as well as planning and delegating daily tasks for our team
- Implemented Drag and Drop functionality within React-Redux to create, edit, and delete "clothes" and "outfits"
- Designed a modal to display a user's owned "clothing items" that can be dragged to an "outfit" to form associations
- Implemented custom search using Redux and filtering items by category and "tag"

KloudClone | *(React/Redux, Rails 5, PostgreSQL, AWS)*   **live** | **github**
Clone of the popular music-sharing website SoundCloud.

- Integrated Redux and React with the HTML5 audio element to create customized media playback for users including a time scrubber, a volume slider, skip/previous song, loop song, and shuffle playlist
- Connected Rails back-end to AWS S3 for audio storage of songs that users can listen to and upload
- Harnessed the unidirectional state management of Redux to simplify React components and directly manage data for form inputs and form submissions
- Created custom back and front-end user authentication by combining Rails, Active Record, and log-in/sign-up React components connected to the Redux store for reference to session cookies

League of Data | *(Javascript, D3, HTML5, CSS3)*   **live** | **github**
Data visualizer for League of Legends pro-players

- Utilized D3 to visualize and organize data for any professional League of Legends player searched by the user
- Used a combination of vanilla Javascript, DOM Manipulation, and HTML/CSS animations to create a visually compelling user experience
- Manipulated data from a CSV file and leveraged different data structures to produce meaningful statistics

EXPERIENCE

Senior Associate
KPMG US   Jun 2018 - Dec 2020

- Led walkthroughs with clients to gain an understanding of their business processes and IT functionality
- Managed and trained 2 new-hire associates and a global offshore team of 5
- Planned and executed IT risk assessments for as many as 10 business process areas at a time
- Performed testing procedures to gain comfort over the IT Risk environment for a large Investment & Consumer Bank (largest engagement worth ~$100M)

Head Teaching Assistant – Information Systems & Database Systems
Robert H. Smith School of Business   Jan 2016 - May 2018

- Managed 5 other Teacher Assistants, including creating schedules, delegating work, and being the source of contact between students, TAs, and the professor
- Held weekly office hours and led weekly lab lectures with 34 students involving relational database modeling and relational database implementation using Microsoft SQL Server

EDUCATION

University of Maryland - *BS Information Systems & Accounting, 3.84 GPA*   2018
AppAcademy - *Highly selective web development program with a 3% acceptance rate.*   2021