Enkhtushig Namkhai

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Technical Skills

React, Redux, Javascript, NodeJs/Express, CSS/HTML, Python, Java, C, mySql, MongoDb, AngularJs, Jquery, Github

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Education

University of California, Berkeley	B.A. in Computer Science
Hack Reactor	Advanced Software Engineering Immersive

Software Projects *(For more diverse projects, please look at my website)*

Amazon architecture visualization, Software Engineer

Created an Amazon clone to determine if at the time of prime trial sign up, if users that spend above 100$ are more likely to stay as a prime member versus those that don't.

- The Transactions service stores all the incoming transactions and notifies other services of the required updates
- Worked with big data, for a more realistic performance measurement for the service.
- For better scalability, worked on optimizing the writes to the Database so it would not be the bottleneck service (Optimized from 200 RPS to a range of 300-400 RPS)
- Tools/Tech stack used: Node/Express, Axios, Postgres, Artillery, Faker.js, New Relic

DEMI Movie Database, Software Engineer

Built on top of an already existing app that gathered and displayed various data for a movie.

- Implemented a comparison saving feature, to provide more control of the data to the user, using React with Redux for the frontend, to keep the state of the app centralized, and a Node/express server with a Mongo database for the backend
- Added and edited the front end structure of the overall app to effectively isolate each component so the other members could concentrate only on their assigned components
- For better modularity and clarity of code, simplified the routing process of the app by using react Router

InfoMapp, Software Engineer

An app that takes in a user specified geolocation/city and displays various regional information.

- Made the user interaction more visible and tangible by creating an interactive map with Google Maps API
- Made the search space of our problem smaller by only allowing users to click and search for cities in the US only, to do this, uploaded the data from the US Census and utilized the Google Fusion Tables to create a polygon overlay over the map

Text Analysis, Software Engineer

A digital journal that keeps track of the content and sentiments of the user throughout time.

- Used indico's RESTFUL API to get the sentiment analysis from a user inputed text
- For better user visualization, created dynamically rendering graphs to portray the text analysis using CanvasJS

Additional Experience

The Structure and Interpretation of Computer Programs Lab Assistant   UC Berkeley

- Guided students with their lab coding exercises and answered questions regarding homework and projects.
- Collaborated with Teacher Assistants and other student volunteers locating and fixing bugs in the lab assignments.

Organizations:

UC Berkeley, Berkeley Innovation (BI)………………………… January - May 2016