Jingna Li

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Skills

JavaScript, React, Redux, Node, Webpack, Ruby, Ruby on Rails, Express, jQuery, HTML5, CSS3,SQL, PostgreSQL, MongoDB, Git, AWS

Professional Experience

Business Intelligence Developer II   Aug 2016 – July 2018
East West Bank
- Optimized SQL stored procedures performance consumed by internal web applications API's with concise join logic and appropriate levels of granularity.
- Developed SSRS reports for Microsoft CRM applications with Synonyms to dynamically control the reporting data source.
- Designed Enterprise Data Warehouse using Data Vault methodology to reduce the storage of redundant data by 60%.

Healthcare SQL Data Analyst   Oct 2015 – Aug 2016
Desert Oasis Healthcare
- Created financial applications using Microsoft Access and SQL Server databases to streamline data collection and ensure accuracy of data.
- Automated complex analytical processing of capitation data for financial analysis using SSIS and VBA scripts.
- Collaborated with financial analysts to document technical requirements based on business logic and developed reports in SSRS and Crystal Reports that eliminated manual Excel reports, saving 10 business hours on a weekly basis.

Data Architect, Research Data Specialist   Mar 2014 – Oct 2015
Five Acres
- Integrated Excel, Access and Oracle data sources into Microsoft SQL Server and enabled company-wide self-service reporting through the SQL Server Reporting Server.
- Improved ETL processes with Excel Macros and R Scripts that saved over 10 work hours of manual data processing.
- Created Microsoft Access databases and data entry forms that streamlined the data collection process and reduced data entry and processing time by 50%.

Projects

Lifenovel   Live | Github
A pixel perfect Facebook clone built with React/Redux and Ruby on Rails.
- Implemented a reusable React component nested recursively within itself to allow parent to child comment relationships.
- Enabled search functionality through a custom controller in Ruby on Rails that queries for users via Rails ActiveRecord.
- Abstracted modals with dynamic content and relative positioning by leveraging the Redux global store.

Portal Royale   Live | Github
A multiplayer shooter game built in the MongoDB, Express, React, Node (MERN) stack and Socket.io.
- Designed custom-made animated game graphics such as bullets, portals, and explosions with HTML5 Canvas.
- Built resizable game canvas that dynamically updates based on client browser window size.
- Enhanced player experience by implementing a map panning algorithm that re-renders the canvas based on player position.

Word Graph   Live | Github
A word association data visualization built with d3.
- Designed interactive graphs that renders word relationships with categorical colors.
- Integrated the ConceptNet API into the backend Express server to ensure same origin policy for retrieving word associations.

Education

App Academy
Immersive software development course with focus on full stack web development

University of California, Berkeley
B.A. Cognitive Science - Computational Modeling
B.A. Psychology