Steven **Anderson**

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>LANGUAGES AND TECHNOLOGIES

- **Proficient:** JavaScript, ReactJS, TypeScript, GraphQL, Relay, Redux, Node.js, Express, SQL, PostgreSQL, MySQL, Heroku, jQuery, HTML5, CSS3, Jest, Ruby on Rails, Git

>PROFESSIONAL EXPERIENCE

1stdibs.com | Software Developer | New York, NY   2019 - 2020

- Engineered using React and GraphQL a brand new feature for sellers on the site, which allowed them to view and compare sold items.
- Revamped a widely used customer tool by adding UI enhancements and refactoring JavaScript code with easier-to-follow logic, as well as React hooks.
- Quickly and effectively moved through team's back log tickets, which consisted of various bugs throughout the application.
- Created a reusable custom hook for processing page query parameters.
- Converted internal billing tools from JavaScript to TypeScript.

Lifion by ADP | Software Developer | New York, NY   2018 - 2019

- Engineered user interface (UI) and back end for payroll system as part of HR management software using JavaScript, Node.js, and MySQL, currently supporting pay groups of 6,000 employees.
- Built new payroll processing service using Node.js to accommodate for new larger clients and optimized payroll processing by over 9X compared to former service.
- Wrote complex SQL queries across 6+ tables on average to gather records effective for specific pay periods.
- Expanded MySQL DB to store HR data to account for variety of scenarios through developing 5 new tables.
- Developed feature to support specific earning types to be paid at differing frequencies using Node.js and SQL.
- Re-engineered XML to native database service to retrieve authentication information with Node.js, supporting reimbursement service and ensuring reimbursements were distinguished from negative deductions.
- Created technical documentation for pay frequency feature to support onboarding 15+ software engineers.
- Streamlined UX by 3X for downloading payroll register in Excel format using ReactJS and CSS3.

Converged Technology Group | Account Manager | New York, NY   2015 - 2016
Dean & Deluca | Management Assistant | New York, NY   2014 - 2015

>EDUCATION

B.A. Linguistics, *St. Mary's College of Maryland*

>PROJECT WORK

Job Order Tracking System (React, Redux, NodeJS, PostgreSQL) | live | github   2018
Application for small businesses to track their customer orders.

- Developed custom ORM for PostgreSQL to streamline SQL query writing utilizing Node.js and Express.
- Architected tool to optimize creation of Redux actions and reducers for data endpoints by 10 - 15 minutes.
- Implemented system of reusable ReactJS components to fit largely hierarchical UI.

Musical Flashcards (Javascript, HTML, CSS) | live | github   2018
Test knowledge of reading notes on grand staff by using computer keyboard or electric piano keyboard.

- Developed front end using EJS templates and PNG images of notes custom made using Pixlr.
- Utilized JavaScript Web MIDI API to recognize notes played by an electric keyboard.

Text Annotator (NodeJS) | live | github   2018
Upload texts and get access to quick, short word definitions or translations by clicking on a specific word.

- Created function in Node.js that converts text file into HTML file to link words to translation dictionary API.
- Developed function to parse words in format for correct retrieval of definition from external API using Node.js.

Worksheet Generator (JavaScript, React, Redux, Rails, PostgreSQL) | live | github   2017
Self-designed tool for teachers to create worksheets for their students using a drag-and-drop interface.

- Implemented drag-and-drop interface using ReactDnD library; utilized JSONB data format in PostgreSQL.