Sean Hong

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Technical Skills

Strong: JavaScript, Unix/Linux/Bash/Shell, Git, Bitbucket, ExpressJS, NodeJS, ReactJS, jQuery, ElectronJS, CSS3, HTML5, BootStrap5

Experienced: Google Analytics, MongoDB, AWS, NGINX, Heroku, SendGrid, Socket.io, PHP, MySQL, ES6, RESTFUL API, Python, PostgreSQL, Firebase

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Professional Experience

*Myers-Stevens & Toohey & Co., Inc - **Applications Developer** [2017-Present]*
- Remote **SSH** into **AWS** server for maintenance, update SSL Certs using **certbot** for nginx.
- **PM2** used to monitor **ExpressJS** server that serves static **ReactJS** website.
- Decreased server clutter and increased production **AWS** server storage capacity by 52%.
- Overhauled client websites using **ReactJS** components integrated with **Google Analytics** for live tracking.
- **VPS** created on **Heroku** and **Digital Ocean** to store new and updated applications.
- Patch and debug **ReactJS** component that used **API**'s including **Authorize.net**, **SendGrid mailer,** and **GA.**
- Created a customized Calculator Application that generates a pdf report and forwards email using **Sendgrid**.

*Lennar - **Web Content Admin** [2016-2017]*
- Created an algorithm to generate an object from exported CSV file to pre-load form fields, increased production efficiency by 50% and early delivery.
- Consolidated redundant items on the storefront and decreased total item counts by 10%.
- Created automation for items that will receive customer input from a form and export necessary files and data to the production team.

Applications Built

Bacon Ipsum Generator github | demo
 A meat-lover's text filler! Choose a style from all meat fillers or a mixed combo of meat and lorem!
- Utilizes **axios** to make a get request for meaty delivery from the butcher's **API**.
- Three separate **ReactJS** components were used to manipulate incoming data from **axios**.
- **HTML5** forms change the API query for a "made to order" experience.

Calculator Application bitbucket | demo
An in-house application for calculating checks and submission generates separate compiled pdf's that are sent out.
- **NodeJS** and **ExpressJS** was used to create and handle the server requests.
- Core **JavaScript** functions only, no **jQuery** was used for the logic.
- **HTML** submit sends **POST** request to **ExpressJS** server and emails the pdf files using **SendGrid Mailer.**

Memory Match   github | demo
A simple Back To The Future themed memory match game with favorite characters from the movie.
- **AngularJS** was utilized to manipulate the DOM and is the main framework of the game.
- Basic **CSS** animation was tied in with **AngularJS** directives to add card flips and vanish effects.
- Utilized **JavaScript** and **jQuery** to program the game functions, gameplay, and game logic.

Education/Training

- LearningFuze Accelerated Web Development Program   **[2016]**
- MPA - Public Administration Policy Analysis; Southern Illinois University Edwardsville   **[2015]**
- U.S. Army ROTC - Leadership training; Southern Illinois University Edwardsville   **[2015]**
- BA - Criminal Justice Studies; Southern Illinois University Edwardsville   **[2012]**