

Sean Hong

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[LinkedIn](#)

[Github](#)

[Bitbucket](#)

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

Professional Experience

Myers-Stevens & Toohey & Co., Inc - Applications Developer [2017-Present]

- Remote **SSH** into **AWS** server for maintenance, resolved issue that crashed the site often.
- 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.
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Applications Built

Calculator Application [bitbucket](#)

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](#)

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.

Student Grade Table [github](#)

An educator's application that utilizes **MySQL** database and **PHP** to perform **CRUD** operations.

- Utilizes a customizable **MySQL** database located on Amazon Web Services (**AWS**) server.
 - **PHP** is utilized to communicate with the server to create, read, update and delete (**CRUD**) student data.
 - **JavaScript** and **jQuery** was utilized to retrieve the data from the server and display it to the **DOM**.
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Education/Training

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| • 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] |