# Jared Sasser

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## Intro

I am a web developer. My focus is on the front-end, but I have some experience in the back-end as well in Node.js and Python. I have taught myself over the last couple of years with the aid of several online courses and occasional help of an experienced mentor.

## Tech Skills

* HTML5
* CSS3
* JavaScript
* jQuery
* React
* Twitter Bootstrap
* Git
* Firebase DB
* Gulp
* Node.js
* Express.js
* Bash/Linux
* Python

## Work Experience

### Professional Experience - Web Developer

#### High Altitude Science

##### Web Developer, *(short-term contract) February 2015 - March 2015*

* Designed and developed the front-end for the Weather Balloon Flight Simulator web app
* Front-end developed with HTML5, CSS3, JavaScript, jQuery, Bootstrap, slick, autoNumeric
* Built as a single-page app. This involved using slick to set up a slider that separated the three portions of the simulator - one for the input parameters (launch date, burst altitude, etc.), one for the starting coordinates, and one for the results.

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### Personal Projects

##### Collaboralist - <https://collaboralist.github.io/>

* Repo: <https://github.com/KidIcarus1337/collaboralist>
* Single-page app for creating and maintaining collaborative shopping lists
* Developed using React, Babel, gulp, Firebase, and other miscellaneous technologies
* Compatibilty with GitHub Pages is made possible by the utilization of Firebase as a database. Interactions with Firebase handled by [re-base](https://github.com/tylermcginnis/re-base)

##### Galaxy Tanks

* Live demo: <http://kidicarus1337.github.io/galaxy-tanks/>
* Repo: <https://github.com/KidIcarus1337/galaxy-tanks>
* Unfinished single-page app built on the HTML5 canvas that is a space-themed version of the classic tanks game
* Front-end developed with HTML5, CSS3, JavaScript, jQuery, Fabric.js
* Utilizes a custom-built physics engine that simulates gravity and collision detection among other things

##### Snow App Project

* Live demo: <http://snow-app-project.herokuapp.com/>
* Repo: <https://github.com/KidIcarus1337/SnowProject>
* Unfinished prototype web app for a project which would've allowed people to hire others to shovel their driveway
* Developed front-end with HTML, CSS, JavaScript, jQuery, Bootstrap
* Wrote back-end with Node.js and Express.js, including registration and login functionality
* Integrated with Firebase DB

##### Text-game Project

* Live demo: <http://kidicarus1337.github.io/Game-Project/public>
* Repo: <https://github.com/KidIcarus1337/Game-Project>
* Unfinished text-based game developed in my free time for experience
* Developed front-end with HTML, CSS, JavaScript, jQuery

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### J.J. Keller - Data Entry, *Fall 2012 - February 2013*

* Helped migrate customer information to a new server setup

### Shopko - Customer Service, *Fall 2008 - Fall 2012*

* Primarily worked as a cashier and store front stocker
* Occasionally did some miscellaneous work

## Education

### Codeacademy, *2013*

* HTML & CSS
* JavaScript
* jQuery
* Web Projects

### Udacity, *2012 - 2013*

* CS101 - Intro to Computer Science
* CS253 - Web Development

### High School Graduate, *2006 - 2010*

## References

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