

# John Gardner

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## SKILLS

React.js, Ruby on Rails, JavaScript, Node.js, jQuery, Ruby, Redux, SQL, Git, HTML5, CSS3, AWS, S3

## PROJECTS

### Margatsni - React-Redux, Ruby on Rails, AWS -S3, CSS, HTML, Javascript, Postgres

[Live Site](#) | [Github](#)

*Clone of instagram where users can post photos and leave comments, likes and follow other users*

- Built React-Redux frontend with a Ruby on Rails backend to optimize full CRUD features for posts, comments and likes.
- Optimized RESTful routes for both SQL and No-SQL databases, incorporating other cloud services like Amazon's S3 to limit database strain and allow for scalability.
- Implemented @keyframes and other CSS techniques to mimic instagram animations.
- Ensured the application's responsive use with varying screen sizes by implementing media queries with CSS3.

### Garden-Swap - React-Redux, Express, MongoDB, Node.js, Javascript, AWS-S3

[Live Site](#) | [Github](#)

*Online farmers market where users can post listings and trade/purchase organic produce from other users close to them*

- Led the backend team in ensuring that pictures attached to listings were saved in S3 in order to limit database strain.
- Implemented RESTful routes to maintain an organized project.
- Spearheaded frontend restructuring to significantly decrease backend requests to the database.
- Coordinated with a team of engineers, implementing efficient git and pull request workflow in order to minimize potential merge conflicts within Frontend and Backend.

### Elegant Weapon-Civilized Age - HTML5, JavaScript, CSS3, Webpack

[Live Site](#) | [Github](#)

*A platform to build your own Lightsaber*

- Leveraged advanced CSS techniques to make beautiful lightsaber animations.
- Developed user-friendly interface using Vanilla Javascript- HTML DOM that allows users to easily customize their own, unique lightsaber.

## EXPERIENCE

### High School Teacher, American Leadership Academy

Jul 2021 - Dec 2022

- Created brand new curriculum from scratch for new chemistry class.
- Led 160 students to achieving an 8% higher than average test score for end of semester testing compared to their grade.
- Organized and wrote reports for 30+ students who had special needs, and met those needs on a weekly or daily basis.

### Mental Health Care Specialist, Provo Canyon Behavioral Hospital

Jan 2020 - Jul 2021

- Ensured safety of 20+ patients at a time in a mental health crisis center with 0 lasting safety incidents.
- Taught coping skills to deal with the stress and anxiety of daily activities.
- Worked with at risk patients, most of whom having recently attempted suicide, to find purpose through discussion and group activities.

### TALL App Content Specialist, Provo Missionary Training Center

Sep 2017 - Apr 2018

- Created and organized content for an innovative language learning program (Technology Assisted Language Learning) focused on learning through any native language (instead of English), producing a database of 30,000+ audio/text files for audio learning.
- Translated English phrases to Danish and enabled the software to create associations through universal grammatical attachments (such as adjective, verb, etc.) to each word.

## EDUCATION

### App Academy (Spring 2022)

- Immersive software development course with focus on full stack web development
- Object oriented programming, test-driven development, Data Structures and Algorithms

### Brigham Young University (Sep 2017 - Dec 2020)

- Bachelor's of Science in Neuroscience || Cumulative GPA: **3.85**
- Scientific method, Critical thinking, Passion for learning, Open-mindedness