

William T. Staud

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SUMMARY

Full-stack developer transitioning from four years of active duty military service. Enjoys front-end design with custom CSS, SASS, and Photoshop, while incorporating JavaScript and PHP to build interactive UI/UX features. Seeks to use the most efficient code and strives to be a extremely cooperative team member.

SKILLS

- **Front-End:** JavaScript, jQuery, SASS, Simple Grid, Bootstrap, Foundation, Scroll Magic, HTML, CSS
- **Design:** Adobe Photoshop, Adobe Illustrator, Adobe Premiere
- **Back-End:** PHP, Java, MySQL, Linux, Apache, Swift
- **Version Control:** Git, Github
- **Military:** Project management, secret clearance, high stress managment, team player, personnel leadership

SOFTWARE DEVELOPMENT PROJECTS

My Personal Site

A web application that is constantly evolving through my time in Codeup. The site displays my current projects, skills, some info about me and additional features to come, such as a blog. The front-end was designed from scratch using HTML and SASS. The only third-party code included is the use of a customized Simple Grid; this allows for fluid desktop to mobile experience. The majority of icons, logos, etc. were created in Adobe Photoshop and Illustrator. Some minor animations and cosmetics were done using Javascript. Scroll animations and parallax will be achieved using a JavaScript library called Scroll Magic.

LCARS - Simple Simon

Simple Simon in itself is a memory game where a color pattern is shown and the player must mimic the pattern. Each time the player gets a pattern right, the pattern is repeated and increased by one; until the player fails to get the sequence correct. The application was themed around Star Trek's LCARS to display front-end development. Adobe Photoshop, Illustrator and HTML/CSS were used to create a near exact replica of a LCARS panel design. Whereas JavaScript and jQuery were used to create the animations, sounds and logic.

Weather Map API

This web application displays a map and three day weather forecast for a requested location. An AJAX request is sent to Google Maps for geolocation and another request is sent to openweathermap.org to retrieve a multi-day forecast for the specified location. Users can either drag a pin or search for the location using a search bar. The map will automatically update location and weather upon user interaction. The front-end was also designed by hand using the Adobe Suite, HTML/CSS and Javascript.

WORK EXPERIENCE

Schriever Air Force Base, Colorado Springs, CO 2012-2016

Satellite Operator and Ground Engineer

- Maintained two satellite constellations totalling \$5.4B; acquired expertise on thermal, propulsion and electrical subsystems.
- Recovered two DSCS III satellites, preventing loss of spacecraft; resulted in \$400M saved.
- Troubleshoot Windows and Linux operating systems, hardware, and networking applications.
- Provided customer support in core Windows and Microsoft office applications: Excel, Powerpoint and Word.
- Maintained and tested four Windows/Linux server rooms and their components (firewalls, servers, timing, routers, encryption/decryption devices, etc) monthly to ensure 100% uptime.
- Improved checklists and system documentation in order to perform tasks more efficiently.
- Oversaw the transition to automated operations; trained operators on new automation checklists and operations.

EDUCATION

- **Codeup, San Antonio, TX** February - May 2017
- **Community College of the Air Force, Montgomery, AL** 2012 - 2016