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

Ad Lister - Pie Piper

A full-stack web application that is designed to allow users to buy and sell items locally, much like Craigslist. The data is stored using MySQL and handled by a model, view and controller that is entirely built on vanilla PHP. This allows users to sign-up/login to an account and manage their ads. The front-end utilizes Bootstrap 4 and SASS to allow for a quick and organized standup of the application.

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.
- Troubleshot 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