Tyler Wittig

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SKILLS

Languages: CSS, HTML, JavaScript, PHP, Python, SQL
Tools: DigitalOcean, Git, GitHub, jQuery, Laravel, Linux, MySQL, Netlify, NGINX, React.js
Other: Google Suite, Microsoft Visual Studio, PWA, Responsive Web Design, SEO

EXPERIENCE

Full-Stack Developer   **Boling, Texas**
Wittig Grass Sales   *May 2021 - Present*

Overhauled a business website and fixed errors with its domain configuration. Provide ongoing content updates as needed. Migrated from an outdated template website hosted on GoDaddy to a mobile-responsive React.js PWA hosted on Netlify.

Full-Stack Developer   **Boling, Texas**
Freelance Work   *Dec 2021 - Present*

Seek out clients needing web solutions for their organizations, events, and companies, delivering projects that consistently exceed expectations. Build web apps to develop experience with new frameworks, libraries, and languages.

EDUCATION

LinkedIn Learning   *Jul 2022*
React.js Essential Training

University of Texas at Austin   **Austin, Texas**
Bachelor of Science and Arts in Mathematics   *2017 - 2020*
Computer Science Certificate

PROJECTS

JGM Portfolio   **HTML, CSS, JS**
juangmendoza.com   *Jan 2023*

Refactored a physics researcher's portfolio website, creating a standardized page layout, site-wide custom CSS, a blog post template, and reorganizing the website directory structure to make it easier to maintain.

Goldschen-Ohm Lab Webpage   **HTML, CSS, JS**
marcel-goldschen-ohm.github.io   *Oct 2022*

Refactored the codebase of a University of Texas researcher's lab webpage to be mobile-responsive and SEO friendly. Added an interactive carousel to display the lab's articles, a toggleable top navigation for mobile screens, and a cleaner layout for various page components.

Gag Combos Info   **HTML, CSS, JS, React.js, Netlify**
gagcombos.info   *Sep 2022*

Created a single-page application with React.js to help players of a MMORPG game find the best combinations of weapons to defeat enemies in a single turn of battle. The application takes in the number of players, any players' weapons with special abilities, and the enemy's level, then uses an efficient algorithm to generate a filterable list of all optimized combinations of weapons that defeat the enemy in a single turn.

Portfolio Website   **HTML, CSS, JS, PHP, MySQL, NGINX, DigitalOcean**
tylerwittig.com   *Dec 2021*

Engineered a LEMP stack website (Linux, NGINX, MySQL, and PHP) with a custom CRUD CMS (Content Management System) on a DigitalOcean Droplet to display skills, contact information, and projects.

Minesweeper   **HTML, CSS, JS**
twit96.github.io/minesweeper   *Jun 2021*

Created a mobile-responsive, no-frameworks version of the classic game of minesweeper, hosted on GitHub Pages.

Dr. Bulko's University Website   **HTML, CSS, JS**
cs.utexas.edu/~bulko   *Jan 2021*

Refactored and polished a University of Texas Professor's class website to be mobile-responsive. Added a sticky sidebar on desktop that is moved into the top navigation on mobile devices, custom HTML tables on desktop that reflow into cards on mobile, and a custom grid-like calendar on desktop that reflows into horizontal, scrollable cards on mobile. Ensured the changes were easily maintainable by the professor.