# Tyler Wittig

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## EDUCATION

**LinkedIn Learning**                                                                                         *2022*

*React.js Essential Training*

**University of Texas at Austin**                                                        **Austin, Texas**

*Bachelor of Science and Arts in Mathematics*                                    *2017 - 2020*
*Computer Science Certificate*

## SKILLS

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

## EXPERIENCE

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

Hired to overhaul a business website, fix errors with its domain configuration, and provide content
updates as needed. Migrated from an outdated template website hosted on GoDaddy to a
mobile-responsive React.js PWA hosted on Netlify.

**Freelance Work**                                                                            **Boling, Texas**
*Full-Stack Web Developer*                                                          *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.

## PROJECTS

**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**

*gagcombos.info*

HTML, CSS, JS, React, PWA, Netlify

*Sep 2022*

Gag Combos Info is a single-page application created with React.js, designed to help players of the game Toontown Rewritten find the best combination of gags to use in any 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**

*tylerwittig.com*

HTML, CSS, JS, PHP, SQL, MySQL, NGINX, DigitalOcean

*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**

github.com/twit96/minesweeper

HTML, CSS, JS

*Jun 2021*

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

**Dr. Bulko's University Website**

*cs.utexas.edu/~bulko*

HTML, CSS, JS

*Jan 2021*

Refactored and polished a University of Texas Professor's existing 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.

**Pharaoh's Phury**

*github.com/twit96/PharaohsPhury_Phaser3*

HTML, CSS, JS, Phaser

*Dec 2019*

Created a JavaScript game using the Phaser 3 HTML5 framework. Collaborated with a team daily and weekly using Slack, Trello, and in-person meetings to meet scrum deadlines. Hosted the game on GitHub Pages.