

Alexander Corrigan

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Digital Portfolio: <https://rednaxc1.github.io/AboutMe/>

Summary

Web Development student at Pinellas Technical College with a strong foundation in modern front-end and back-end web technologies. Skilled in HTML, CSS, JavaScript, and creating responsive web designs. Experience in server-side scripting with PHP and database management with MySQL, with a focus on building interactive and user-friendly websites. Collaborative team member on the IT Academy website project and an aspiring game developer with experience in Unreal Engine and a passion for combining storytelling and technology.

Education

Pinellas Technical College | Clearwater, FL | Web Development Certificate | Oct 2024 – Oct 2025

Clearwater Central Catholic High School | Clearwater, FL | High School Diploma | Aug 2017 – May 2021

Skills

- **Web Development & Scripting:** HTML, CSS, JavaScript, PHP, WordPress.
- **Front-End Technologies:** Responsive Design, CSS (including Advanced Techniques), Web APIs, JSON, jQuery, AJAX.
- **Back-End & Database:** Docker, MySQL, PHP.
- **Game Development:** Unreal Engine.
- **Tools & Platforms:** Git, GitHub, VS Code, Slack, Miro, Figma.
- **Professional Skills:** Teamwork, Problem-Solving, Communication, Web Accessibility.

Certifications

- **Adobe Certified Professional: Visual Design Using Adobe Photoshop**
- **HTML & CSS Coding Specialist: Knowledge Pillars**
- **WIN Essential Soft Skills Credential**
- **Wordpress Certified Editor**
- **Wordpress Certified Administrator**

Projects

- **IT Academy Website Project** (In Progress)
 - Collaborated on a development team to build the IT Academy website.
 - Contributed to coding web layouts and utilized tools such as Git, GitHub, VS Code, Slack, and Miro for collaborative development.
- **Local WordPress Environment & Plugin Development**
 - Successfully set up a full local WordPress development environment using **Docker containers** and a **MySQL database**.
 - Configured containers for both WordPress and the database, establishing network connectivity to enable seamless interaction.
 - Used JavaScript to work on building custom plugins and themes for WordPress.
- **Family Tree Creator**
 - Developed a multi-page web application to create and visualize family trees using **HTML**, **CSS**, and **JavaScript**.
 - Employed the **D3.js** library to dynamically render the tree structure on an SVG canvas.
 - Implemented features for user input forms, custom modals for feedback, and a function to download the family tree as an image using the html2canvas library.
- **Escape the Frost** (In Progress)
 - A web and **Unreal Engine**-based RTS looter shooter, inspired by games like *Frostpunk*.
 - Combines city-building mechanics with cooperative survival and exploration gameplay.
- **Learn the Game Genre**
 - An **Unreal Engine** project designed to educate players about gaming genres through immersive storytelling and gameplay, with distinct levels representing unique genres.

Employment

Crumb Cookies | Baker | Clearwater, FL | 2021 – 2024

- Prepared high-quality baked goods, provided excellent customer service, and met food service safety standards.