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 – Expected 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.

Experience
Crumbl Cookies | Baker | Clearwater, FL | 2021 – 2024

- Prepared high-quality baked goods with precision.

- Delivered excellent customer service in a fast-paced environment.

- Maintained food safety standards and cleanliness.