

## Alexander Corrigan

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### 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**

### 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

**Crumb 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.

