

# Christopher Variara

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845-531-9574

## Education

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### SUNY Polytechnic Institute

May 2024

- **Major:** Bachelor of Science, Computer and Information Science
- **Minor:** Game Design & Development
- **Relevant Coursework:** Computing Fundamentals, Data Structures & Algorithms, Object-Oriented Programming, Computer Organization, Web Development & Internet Programming, Gamification Theory, Software Engineering

## Experience

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### Freelance

August 2022 - Current

Frontend Software Engineer

- Engineered scalable, responsive, multi-platform and SEO friendly websites using HTML5, CSS3 (+BEM), JavaScript ES6+, and React (+hooks) best practices

## Projects

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### Personal E-Portfolio | <https://christophervariara.vercel.app/>

- Designed, developed and hosted my e-portfolio using semantic HTML5 and CSS3 (+BEM) best practices
- Included responsive and multi-platform support to enable the portfolio to be viewed on any platform and device

### Library App | <https://cv-library.vercel.app/>

- Designed and developed a library app using HTML5, CSS3 (+BEM), React (+hooks), and JavaScript best practices
- Uses a mock book API that provides information on books and displays them throughout the website
- Included responsive and multi-platform support to enable the app to be viewed on any platform and device

### Movie App | <https://cv-movie.vercel.app/>

- Designed and developed a movie app using HTML5, CSS3, and JavaScript best practices
- Uses TMDB API that fetches movies and displays the latest movies on the screen
- Implemented a search engine that looks up any movie in the API

### Pokémon Clone Game | <https://cv-pokemon.vercel.app/>

- Designed and developed a Pokémon clone game using HTML5, CSS3, and JavaScript best practices
- Uses sprites and other assets from itch.io
- Implemented the GSAP library for the battle animations
- Implemented the howler library for the game audio

## Technical Skills

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**Software:** Git, VS Code, Eclipse, Notepad++, Tiled

**Languages:** HTML5, CSS3 (+BEM), JavaScript ES6+, C, C++, Java

**Technology:** React (+hooks), Firebase, jQuery