Joe Pernecky

Full-Stack Web Developer

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📍 Grand Rapids, MI
in LinkedIn
🐙 Github
🌐 Website

Education

B.A.
Major - Media and Information
Minor - Computer Science

Michigan State University

📅 2017 - 2021
🎓 GPA: 3.86

Dean's List (8/8 semesters)
Graduated with Honors

Relevant Courses

- Web Design and Development (HTML, CSS, Git)
- Advanced Web Development and Databases (HTML, CSS, SCSS, JS)
- Web Application Architecture & Development (HTML, CSS, SCSS, PHP, SQL, AJAX)

Skills

HTML/CSS/SCSS
JavaScript
PHP
SQL
Python
Adobe Creative Suite
JSON
Git
R (For visualizing data)
C++
C#

Career Objective

I'm looking to use my training in Media and Information and Computer Science, and my experiences with agile teams and in full-stack web development. Having built projects on my own and in teams, I am currently seeking an opportunity to grow and learn more from experienced members with diverse backgrounds.

Work Experience

Full-Stack Web Developer

Self-Employed

📅 May 2021 - Current   📍 Ann Arbor, MI

- Designed and built a responsive portfolio website to display my work and information from scratch using HTML, CSS and JavaScript
- Currently planning and designing an interactive web application for the Eastern Michigan University Chemistry department that allows students create/upload articles and have discussions

Projects

Online Multiplayer Sorry! Board Game

Developer

- Collaborated with a team of four others in a SCRUM development cycle
- Implemented logic to allow the Pieces and Cards to function properly
- Applied SCSS to create a functional layout for the game, navigation bar and user creation/login
- Utilized the Model/View/Controller design pattern with PHP to divide program logic and organize code
- Employed JSON/SQL/JS to save/load game states and communicate between all players in an online game with push support
- Integrated user creation and login with salted passwords using SQL
- Used: JavaScript, PHP, SQL, HTML/SCSS, JSON

Self-Portfolio Website

Sole Designer/Developer

- Utilized Adobe XD to create a pleasing layout/design
- Transformed the design and layout into HTML/CSS
- Employed CSS media queries to create a responsive composition
- Made use of JavaScript to transition between content without having to navigate to another page
- Created CSS transitions and integrated the Animate.css library to create a livelier experience
- Used: HTML, CSS, JavaScript