

# Joe Pernecky

Full-Stack Web Developer

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## 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 XD  
JSON  
Git  
R (For visualizing data)  
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