

Taylor Pitman

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TECHNICAL SKILLS

Languages: Java, JavaScript, SQL, Python, C/C++, HTML, CSS

Frameworks and Libraries: React, Express.js, JavaFX, JUnit, Docker

Developer Tools: Git/Github, Gradle, Visual Studio Code, Eclipse

Other: Linux, AWS, database management, RESTful API development, WordPress development, responsive web design, automated testing (JUnit)

EXPERIENCE

Computer Science Lab Assistant

Aug. 2024 – Present

SUNY at New Paltz

New Paltz, NY

- Designed and launched an updated, user-friendly website using HTML/CSS and JavaScript, increasing student engagement by improving access to lab hours, events, and resources.
- Provided rapid technical support to students and faculty, resolving hardware and software issues promptly, enhancing lab efficiency and reducing system downtime by 25%.

Computer Science and Math Tutor

Aug. 2022 – May 2023

Onondaga Community College

Syracuse, NY

- Conducted approximately five problem-solving sessions per week, fostering strong analytical and coding skills in students and contributing to their academic growth
- Developed and applied engaging teaching strategies to break down complex programming and math concepts, particularly in object-oriented programming, contributing to a 90% increase in academic comprehension.

PROJECTS

Full-Stack E-commerce Website | *React, HTML/CSS, JavaScript, Express*

Aug. 2024 – Dec. 2024

- * Developed a comprehensive Order Management System with a React.js front end and an Express.js back end.
- * Managed customer, order, and product data using SQL, maintaining data integrity and improving performance metrics by around 30%
- * Created an ER diagram for database visualization, facilitating effective data relationships and scalability.
- * Ensured seamless user experience and efficient data handling through RESTful APIs.

Web Development for NYS ACE Women's Network

WordPress, HTML/CSS, PHP, JavaScript

Nov. 2024 – Present

- * Collaborated on the full redesign and re-branding of the organization's website, ensuring adherence to new branding guidelines that included improving user engagement and visual consistency.
- * Customized WordPress themes and plugins for enhanced functionality and user experience, integrating responsive design practices.

Portfolio Development for PGA Golf Professional

React, JavaScript, HTML/CSS, Tailwind CSS

Nov. 2024 – Present

- * Leading the design and development of a responsive, high-impact portfolio website for a client to effectively showcase their professional achievements and drawing potential sponsors' attention.
- * Utilizing React for dynamic, interactive components and Tailwind CSS for efficient, modern styling to create a user-friendly, visually appealing experience.
- * Prioritizing seamless navigation and engaging visual elements to capture the attention of potential sponsors and audiences, ensuring accessibility and mobile responsiveness throughout.

EDUCATION

Bachelor of Science in Computer Science

State University of New York at New Paltz - GPA: 3.86

New Paltz, NY

Aug. 2023 – May 2025

Associate in Science in Computer Science

Onondaga Community College - GPA: 3.95

Syracuse, NY

Jan. 2022 – May 2023