

# Taylor Pitman

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## TECHNICAL SKILLS

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

## EXPERIENCE

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### 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

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### 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

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### 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*