

Student Daniel Sagan

Teacher Stephen Mathie

### Software & Web Development Evaluation Form

**Rate yourself in each area by highlighting or circling the letter on the rating scale J, PA, N, E.**

(J) Journeyman = Consistently and independently demonstrates skill.

(PA) Proficient = Can independently demonstrate skill.

(N) Novice = Needs minimal prompting and/or assistance to demonstrate proficiency.

(E) Exposure = Requires significant supervision to demonstrate proficiency.

Student	Teacher	Software Development
J	J	Problem-solve effectively using available resources (internet, AI, books, journals)
PA	PA	Test application functionality and accuracy
J	J	Debug and verify code
PA	PA	Manage data collections using appropriate structures (e.g., arrays, lists)
N	N	Implement classes for data organization and code reusability
N	N	Write programs using Python
PA	PA	Write object oriented code using Java
PA	PA	Use version control software (git)
N	N	Develop projects using a game engine (Unity, Unreal, Godot)
Other programming languages I use		C#, Rust

Student	Teacher	Web Development
N	N	Design and develop websites using online WYSIWYG platforms
PA	PA	Build front-end websites with HTML and CSS
PA	PA	Develop responsive, mobile-first designs using media queries, flexbox, and CSS grid
PA	PA	Write JavaScript to provide interaction with web page elements
PA	PA	Communicate with a web service API using JavaScript
PA	PA	Develop and maintain websites using a CMS
E	E	Design UX/UI interfaces and prototypes
PA	PA	Write php to dynamically create web content
PA	PA	Write MySQL statements to work with databases and tables
PA	PA	Combine php and MySQL to create a database driven web site
J	PA	Design Relational Database
Web frameworks that I use		Angular

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Student	Teacher	Workplace Skills
PA	PA	<b>Teamwork:</b> Contributes to the success of the team, assists others, negotiates diplomatic solutions and requests help when in need
J	PA	<b>Leadership:</b> Identifies “big picture” issues and his or her role in fulfilling and motivating others to complete the mission of the workplace or project
N	N	<b>Communication:</b> Listens, follows directions, speaks, reads, interprets, and writes effectively within the workplace setting
PA	PA	<b>Decision-Making:</b> Selects and uses various resources to analyze and resolve tasks, problems and situations
PA	PA	<b>Multicultural Sensitivity and Awareness:</b> Works well with all customers and coworkers through understanding multiple perspectives
N	N	<b>Planning, Organizing, and Management:</b> Organizes and implements a plan of work

Student	Teacher	Personal Skills
PA	N	<b>Integrity:</b> Abides by workplace/school policies; demonstrates honesty and reliability
N	N	<b>Work Ethic:</b> Comes to work/school every day on time, is willing to take direction, and is motivated to accomplish the task at hand
PA	E	<b>Professionalism:</b> Dresses appropriately and uses language and manners suitable to the workplace
PA	N	<b>Responsibility:</b> Takes accountability for own actions and decisions
PA	PA	<b>Adaptability/Flexibility:</b> Able to change to fit new and different circumstances and environments including customers and coworkers
N	N	<b>Self-Motivation/Innovation:</b> Contributes new ideas and works with initiative

Student	Teacher	Technical Skills
PA	PA	<b>Computer and Technology Literacy:</b> Uses computers, file management techniques, devices, services, applications, the internet, and software/programs effectively
PA	PA	<b>Job-Specific Skills:</b> Selects and safely uses technological resources to accomplish work responsibilities in a productive manner
PA	PA	<b>Safety and Health:</b> Follows safety guidelines and manages personal health
J	J	<b>Service Orientation:</b> Identifies and addresses the needs of all customers; provides helpful, courteous, and knowledgeable service
PA	PA	<b>Professional Development:</b> Continually acquires new industry-related information, improves professional skills, and seeks promotion including preparing to apply for a job