

Sam Woodall

547 Flad Street Oran, MO 63771 | (573) 359-8374 | swoodal121@gmail.com | Panda-Script.github.io/samweb.dev/ | www.github.com/Panda-Script

Computer Science graduate with a Bachelor's degree, actively pursuing a Master's in Applied Computer Science. Expertise in programming languages such as HTML, CSS, Python, Java, and JavaScript, with hands-on experience in web development and AWS cloud services. Notable projects include a D&D Spell Web Scraper and an Invoice and Billing Management Database. Demonstrated strengths in time management, documentation, and problem-solving, with a background as a Web Designer/Editor and Team Member.

Skills & Abilities

- Time management
- Documentation and record keeping
- HTML and CSS
- Microsoft Office
- Web development
- Adobe Photoshop
- Programming in Java
- Python
- C
- Database management
- Relational databases
- SQL and NoSQL databases

Experience

Web Designer/Editor – Student Worker

Southeast Missouri State University

February 2024 – Current

- Design and maintain web pages using HTML and CSS.
- Enhance accessibility and professionalism of PDFs using Adobe Acrobat.
- Resolve website issues by managing IT tickets efficiently.

Team Member

Morley Gas Mart

March 2023 – January 2024

- Streamlined documentation processes to improve workflow and efficiency.
- Organized invoices for easier retrieval and collection.
- Enhanced productivity by systemizing tasks and improving organization.

Education

Master of Science in Applied Computer Science | *Expected December 2026*

Southeast Missouri State University, Cape Girardeau, MO

Bachelor of Science in Computer Science | December 2024
Southeast Missouri State University, Cape Girardeau, MO
Minor in: Information Systems

Associate of General Studies in Computer Technologies | May 2022
Arkansas Northeastern College, Blytheville, AR

Projects

Invoice and Billing Management Database

- Designed and implemented a database system to manage invoices, charges, and billing records.
- Enhanced financial efficiency by ensuring data accuracy and automating manual processes.
- Tools: MySQL Workbench, MS Access.

AWS Login Counter

- Created a serverless AWS-based counter that incremented each time a user logged into a specific IP address.
- Leveraged AWS Lambda, DynamoDB, and API Gateway to manage interactions.
- Provided insights into usage metrics through data tracking and analysis

Website Development

- Developed responsive, user-friendly websites with a focus on accessibility and modern design principles.
- Implemented front-end technologies including HTML, CSS, JavaScript, and Bootstrap.
- Customized layouts and features to meet specific user requirements.

Web Scraper

- Built a Python-based web scraper using BeautifulSoup to extract and organize Dungeons & Dragons spell data.
- Processed and structured datasets for improved accessibility and usability.

References

References available upon request.