

Samuel Asher

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Experience

Data Center Technician, Wipro: Microsoft Labs Site Services – Tukwila, WA

Jun 2024 – Present

- Supported a high-volume data center housing 1,000+ servers, desktops, and networking devices, ensuring uninterrupted operations for critical infrastructure
- Diagnosed and repaired hardware/software issues across more than 100 devices monthly, reducing downtime by 30%
- Managed and updated a 10,000+ asset database, improving tracking accuracy and accessibility
- Resolved an average of 10-20 technical support tickets per day, achieving a 95% first-time resolution rate
- Configured and maintained Keyboard Video Mouse (KVM) hardware, optimizing remote access and server management
- Worked with Windows servers, including deployment, maintenance, and troubleshooting

Data Annotator, Data Annotation Tech– Remote

Dec 2023 – Jun 2024

- Analyzed thousands of coding-related data points to refine machine learning model training
- Improved AI understanding of coding topics, reducing incorrect responses and enhancing clarity
- Designed test scenarios to evaluate AI performance, ensuring comprehensive coverage of coding challenges
- Reviewed AI-generated code for correctness and best practices, resolving critical errors
- Assessed colleagues' work for quality and consistency, maintaining high project standards
- Tracked and corrected AI errors, documenting revisions to improve model performance

Projects

Personal Portfolio Website

samuelasher.dev

(React.js, JavaScript, HTML, CSS)

- Built and deployed a fully responsive portfolio website using React.js, optimizing for both desktop and mobile devices
- Resolved layout and accessibility issues by debugging with Chrome DevTools and ensuring adherence to WCAG guidelines
- Optimized website performance by implementing lazy loading, code splitting, and efficient CSS transitions, improving page load speed and rendering performance

Time Tracking Application

github.com/Tisaghu/Time-Tracker

(Python, Flask, JavaScript, REST API, CSV)

- Developed a full-stack time-tracking application using Flask, implementing RESTful API routes
- Refactored the codebase to follow industry standard best practices, improving maintainability by separating concerns across modular components (routes, storage, and API logic)
- Enhanced data persistence and retrieval by managing logs and categories through CSV storage
- Improved error handling and HTTP response management, ensuring proper status codes for API reliability

Gamified Language Data Explorer

ceias.nau.edu/capstone/projects/CS/2023/PhoneticEvolution_S23/

(HTML, CSS, PHP, JavaScript, MySQL, SQL)

- Developed a contextual search tool enabling exploration of NAU audio-text corpus
- Designed gamified elements with JavaScript to boost user engagement and retention
- Integrated SQL database queries into the frontend via PHP
- Deployed project on AWS, utilizing MySQL for backend support
- Developed and maintained a project website utilizing HTML and CSS

Skills

Programming Languages: Python, C, C++, Java, JavaScript, C#, R, SQL, PHP, HTML, CSS

Technologies & Frameworks: React.js, Flask, Unity, MySQL, Pandas, NumPy, REST API

Developer Tools & Cloud: Git, AWS, Linux, VS Code

Education

Northern Arizona University – BS in Computer Science

Dec 2023

Relevant Coursework: Database systems, Data Structures, Algorithms, Parallel Programming, Computer Networks, Virtual Worlds, Software Engineering, Operating Systems, Artificial Intelligence, Unsupervised Learning