

Samuel Asher

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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

Experience

Datacenter Technician, Wipro: Microsoft Labs Site Services – Tukwila, WA

Jun 2024 – Present

- Installed and configured data center infrastructure, including servers, desktops, and switches
- Conducted maintenance and repairs on servers and network equipment, ensuring minimal downtime
- Managed and updated comprehensive asset databases
- Configured and troubleshoot Keyboard Video Mouse (KVM) hardware
- Diagnosed and resolved hardware/software issues across multiple device types
- Streamlined issue tracking and resolution processes using ticketing systems
- Delivered technical support and updates to customers through email and verbal communication

Data Annotator, Data Annotation Tech– Remote

Dec 2023 – Jun 2024

- Analyzed the accuracy and quality of coding-related data to support machine learning model training
- Implemented strategies to improve AI understanding and response to nuanced coding topics
- Designed test scenarios to evaluate AI understanding and response to a variety of coding topics
- Reviewed AI-generated code for correctness and compliance with best practices
- Evaluated and assessed colleagues' work to ensure adherence to quality standards and project objectives
- Documented and corrected AI errors, providing detailed revision records

Projects

Time Tracking Application

github.com/Tisaghu/Time-Tracker

- *Technologies: Python, Flask, CSV*
- Developing a Flask-based web application for efficient time tracking and log management
- Implemented RESTful routes to start, stop, and check timers, providing core time-tracking functionality
- Designed routes to import, load, and save time logs from CSV files, enhancing data management
- Created modular, scalable code architecture to support future feature expansions
- Currently expanding functionality and refining features to ensure a robust user experience

Gamified Language Data Explorer

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

- *Technologies: HTML, CSS, PHP, JavaScript, MySQL, SQL*
- Developed a contextual search tool enabling exploration of NAU audio-text corpus
- Designed gamified elements to boost user engagement and retention
- Integrated 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

Space-Shooter Game

tisaghu.github.io/Space-Shooter/

- *Technologies: Unity, C#, Github*
- Created a top-down space shooter prototype using Unity and C#, applying principles from structured learning resources
- Implemented core game mechanics, including enemy behaviors, power-ups, and dynamic difficulty adjustments
- Gained hands-on experience with game loops, object-oriented programming, and real-time event handling

Skills

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

Developer Tools: Git, AWS, MySQL, Unity

Technologies & Frameworks: Pandas, NumPy

Specializations: Machine Learning, Artificial Intelligence