NURE SABRI

US Citizen | +1(618) 365-2841 ✉ nuresabri3@gmail.com 🔗 LinkedIn ⬡ Github 📂 Portfolio

Education

Southern Illinois University Edwardsville   **Aug. 2022 - May 2026**
Bachelor of Science in Computer Science   *Edwardsville, IL*

Relevant Coursework

- Data Structures and Algorithms
- Software Engineering
- Database Management
- Programming Languages
- Web Development
- Computer Organization
- Computer Architecture

Experience

Geek Squad   **Jul. 2023 - Present**
Consultation Agent   *Edwardsville, IL*

- Assist customers with tech-related issues, resolving basic software related issues, addressing hardware related issues, doing basic hardware installations, and managing check-ins for advanced repairs.
- Manage check-ins for advanced repairs using proprietary ticketing system, ensuring proper documentation and timely service updates.
- Acquired certifications for Apple services and Microsoft Copilot.

Walgreens   **Jun. 2021 - Jan. 2023**
Customer Service Associate   *Glen Carbon, IL*

- Operate the cash register, handle customer transactions, and manage photo and printing services.
- Maintain store cleanliness, restock merchandise, and assist customers with inquiries and needs.

Projects

Weather App | *JavaScript, React.js, HTML, CSS*, Meteosource AI-Powered Weather API   **Nov. 2024**

- Built a weather application using the Meteosource AI-Powered Weather API to deliver real-time and precise weather data for various locations.
- Designed a responsive and user-friendly interface to ensure compatibility across devices.
- Integrated advanced error handling and intuitive navigation for a seamless user experience.
- Demonstrated expertise in third-party API integration and efficient data-fetching techniques.

Review Sentiment Analyzer | *Python, Ollama, Phi3.5 AI Model, Matplotlib, Pytest*   **Aug. - Nov. 2024**

- Developed a sentiment analysis tool to process and label user reviews scraped from eCommerce websites.
- Utilized Ollama's Phi3.5 AI model to generate sentiment labels (positive, neutral, negative) for user reviews.
- Visualized sentiment distribution with bar graphs using Matplotlib, showcasing proficiency in data analysis.
- Wrote unit tests using pytest to ensure reliability and correctness of the sentiment analysis functionality.
- Implemented efficient file handling and error management, ensuring smooth analysis of large datasets.

MIPS Single Cycle Emulation | *C++*   **Jan. 2024 - Mar. 2024**

- It processes binary files, converting them into readable text and generating two output files.
- One file lists binary strings in text format, while the other details instruction cycles, register changes, and data storage.
- Utilized a makefile for execution.

Game Recommendation Forum | *PHP, HTML, CSS, MySQL*   **Nov. 2023 - Dec. 2023**

- Developed a PHP, HTML, CSS, and MySQL website requiring user registration for access.
- Users must meet password criteria; unregistered users cannot access this site.
- Implemented a review forum linked to a relational SQL database, displaying usernames with comments.
- Included an admin page for managing user accounts.

Technical Skills

Languages: Python, Java, C/C/C++, HTML/CSS, JavaScript, TypeScript, PHP, SQL, R, MIPS, Lua, Swift

Developer Tools: VS Code, Docker, Conda, Git, Xcode, MySQL

Technologies/Frameworks: Node.js, React.js, Next.js, PyTorch, Ollama, Hugging Face, GitHub, OpenAI, Phi, Pytest

Other

Software Services: Windows, MacOS, Microsoft Services (Copilot, Excel, Word), Adobe Services (Photoshop, Premiere Pro, After Effects)