

# NURE SABRI

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## Education

### Southern Illinois University Edwardsville

*Bachelor of Science in Computer Science*

**Aug. 2022 - May 2026**

*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

### Movie Recommender | *JavaScript, React.js, Node.js, Ollama, HTML, CSS, Phi-3.5*

**Sep. 2024**

- Utilizes the 'phi-3.5' AI model from Ollama to provide personalized movie recommendations based on user preferences.
- Features an intuitive user interface for easy navigation and selection of movie genres.
- Implements a feedback mechanism to improve recommendations over time based on user interactions.
- Incorporates a responsive design to ensure compatibility across various devices.

### Chessboard Simulator | *JavaScript, React.js, HTML, CSS*

**Jul. 2024**

- Features an interactive chessboard that allows users to freely move pieces, including making illegal moves.
- Implemented object-oriented programming practices such as inheritance to create different account types and databases.
- Added visual indicators and animations to enhance the user experience during gameplay.

### MIPS Single Cycle Emulation | *C++*

**January 2024 - March 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

## Other

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