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Experience

Earthcam | Junior IT Admin | August 2024 - Present

- Designed and improved scripts to automate manual IT work.
- Addressed any hardware and software problems both in person and remotely.
- Expanded infrastructure and generated reports on company-wide inventory.

Visual Intelligence, LLC | Software Engineer Intern | January 2024 - May 2024

- Refactored website in WordPress to enhance user experience.
- Conducted research on medical AI to establish standardizations and regulations.
- Efficiently utilized WooCommerce to reduce sales costs by approximately 15%.

Shoprite of Rochelle Park | Produce Clerk | May 2021 - May 2024

- Collaborated with a team to ensure the smooth functioning of the department.
- Developed organizational skills and attention to detail through inventory management.
- Enhanced interpersonal skills and customer service expertise by promptly interacting with diverse customers and addressing their needs.

Fair Lawn School District | Summer Student Tech Help | July 2018 - September 2019

- Maintained, updated, and upgraded hardware and software for system maintenance.
- Developed problem-solving skills and technical expertise by troubleshooting and resolving hardware and software issues.

Projects

Online Multiplayer Chess Game- React, Typescript, Javascript, Python, and SQL

- Developed a real-time online multiplayer chess game with a leaderboard feature.
- Integrated the Stockfish AI with adjustable ELO for single-player mode.

E-commerce Web Scraper - PHP, SQL, Python, Bash

- Built a web scraper to extract data from two retail stores and display similar items on an e-commerce site.
- Automated the extraction of key product details (name, description, price) for 25 similar items from each store, leveraging Curl, TagSoup, and a custom Parser.

Taxi Driver - Python

- Developed a machine learning model using Python to tackle a variant of the classic OpenAI taxi driver problem.
- Implemented a Q-learning algorithm, demonstrating efficient pathfinding capabilities in a complex 25X25 maze with dynamic locations.

Education

New Jersey Institute of Technology | Newark, NJ | Sept 2020 - May 2024

- Bachelor of Science in Computer Science | GPA: 3.3

Skills

- Programming: Python, Javascript, TypeScript, React, Powershell, C, C++, Node.js, Express, SQL, Sklearn, Pytorch, Java, PHP, Bash, HTML, CSS
- Other: Full Stack Development, Version Control/Git, Database Management, Data Analysis, Machine Learning, AI, Cybersecurity, WordPress, Agile Methodologies
- Certifications: IBM Cybersecurity Analyst Professional, AWS Academy Graduate