Danforth Morrigan

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Profiles	
⬡ dwmorrigan   in danforth-morrigan   danforthmorrigan   🦋 dwmorrigan

Summary

Motivated and versatile professional with a passion for leveraging technology to improve lives and streamline processes. Proven ability to troubleshoot complex systems, optimize workflows, and develop practical solutions that deliver tangible benefits. I am seeking a role where I can apply my diverse skills and persistence to create positive impacts.

Skills

SQL, CSS, HTML, SDLC, Agile, Python, Java, C++, Containerization, Virtualization, Cloud Computing, Linux, JSON, Version Control, Markdown (md), AWS, MariaDB, MySQL, Docker, Git, Networking, Computer Hardware, Computer Software, TCP/IP, DNS, DHCP, Process Improvement, Critical Thinking, Troubleshooting, Lean Manufacturing

Education

Southern New Hampshire University   January 2022 - September 2024
Information Technology   Bachelor of Science
3.862

Summa Cum Laude

Pellessippi Community College   2019 - 2021
Information Technology   Associate of Applied Science

Transferred to SNHU

Experience

Scapa Healthcare   November 2011 - December 2021
Production Cell Lead   Knoxville, TN
🔗 Scapa Healthcare

Led night shift in a medical device manufacturing environment, focusing on efficiency and quality.

- Developed and implemented a new Standard Operating Procedure (SOP) for material tracking, significantly reducing errors and improving workflow efficiency, leading to improved accuracy and output.
- Troubleshot and resolved complex machine issues, minimizing downtime and maximizing productivity, ensuring consistent product delivery.
- Provided training and support to team members, fostering a collaborative and efficient work environment.

Projects

MeritFerret   July 2022 - September 2024

Collaborated with fellow students/discord members in the development of a Discord bot. MeritFerret has the personality of an excited ferret who allows discord members to register their MeritPage. Every day MeritFerret checks for newly awarded SNHU honors (Honor Roll, Dean's List, and President's List). When a registered member has a new award, MeritFerret posts a congratulatory message. Frequently, MeritFerret is the very first notification that the 21 members will get on their award, beating even the official notification from SNHU.

- Refactored Code Structure: Revised the class and file organization to better align related functions, improving maintainability and scalability.
- Data Management and Web Scraping: Updated data retrieval processes from Discord, including handling user name changes, and refined web scraping functions to manage edge cases and handle larger datasets.
- Automation and Scheduling: Implemented scheduling functionality to automate regular checks for new student honors and updates, utilizing Python's time module.
- Testing and Validation: Developed functions to validate recent honors against existing data, ensuring accurate updates and avoiding duplicate entries.
- Deployment: Configured and deployed the bot on a Raspberry Pi 3 using Linux, establishing a virtual environment for persistent uptime and automatic script re-initialization on reboot.

Certifications

Network+   November 2021
CompTIA
🔗 CompTIA Verification

Python for Everybody   2019
Coursera (University of Michigan)
🔗 Coursera Verification

Awards

President's List   September 2022 - Septembere 2024
SNHU
🔗 MeritPages

Awarded 5 times as a full-time student earning a greater than 3.7 GPA for the term.

Dean's List   January 2023, May 2023
SNHU
🔗 MeritPages

Awarded twice as a full-time student having a 3.5 to 3.699 GPA for the specific term.

Honor Roll   May 22 - September 2024
SNHU
🔗 MeritPages

Awarded 14 times for having earned a greater than 3.5 GPA for a specific term