Gregory Crawford

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EDUCATION

B.S. in Computer Science (May 2024)

Southern Illinois University Edwardsville

SKILLS

- **Programming:** C++, C, Bash, Python, SQL, JavaScript, HTML, CSS
- **Tools:** SSH, Git, Apache, Docker, Jenkins, MySQL, MariaDB, VirtualBox
- **Operating Systems:** Windows, Linux, Ubuntu, Debian, Arch

PROJECTS

Server Management (May 2021 - Current)
Personal Website

- Took care of and updated several computer servers that were using different technologies like Docker, Apache, to make sure they were running smoothly and securely.
- Scripts written in Bash that could automatically do routine tasks on computers running the Linux operating system, to save time and effort.
- Used logging tools to keep track of how the system was working, which helped me identify and solve any problems that came up more quickly.
- Found and fixed technical issues with my software, and created improvements to update and correct it for future use.
- Created and put online a website, using automated tools (Jenkins) to help manage the building process, and Docker to make sure everything works together properly.

Open-Source Contributions
Github Profile

- Pull Requests: [hyprwm/Hyprland#7683] . [hyprwm/Hyprland#7575] . [hyprwm/Hyprland#7633]
- Collaborated on the launch of new project features, integrating user feedback into design iterations.
- Revived an old project request that had been stuck in limbo for over a year by updating and recreating it, and it was successfully accepted and added to the system due to new user demand.
- Thoroughly tested software features in an isolated environment before releasing it into wider use.
- Implented three new features consisting of 114 additional lines of C++.
- Worked together with the main coding team to make sure the project met all of the required guidelines and quality standards for writing code.

snakeplusplus
lab.trianta.dev/Trianta/snakeplusplus

- Created a fast and efficient game of Snake that can be used by anyone (open-source) using the programming languages C++ and SFML to make it work properly.
- Utilizes **object-oriented programming** principles to design and implement a modular architecture.
- Easily built and used on any computer system, thanks to the use of CMake which makes compilation simple and straightforward.

trianta.dev

lab.trianta.dev/Trianta/trianta.dev

- I created, designed, and am still hosting my personal website at `trianta.dev`.
- Showcases some of the open-source projects I've developed using programming languages like JavaScript and Typescript.
- The design and layout of the site were organized and implemented using the HTML and CSS languages.
- Utilized a version control system called Git to manage and track changes in my projects.

EXPERIENCE

System Administrator (September 2024 - Current)
Gerold Moving

- Assisted employees in transitioning to modern security practices.
- Implemented a secure password solution for improved security measures.
- Created internal documentation for future recurring issues.
- Managing Windows-based systems and implementing desktop administration best practices.

Help Desk Level 1 (May 2022 - July 2022)
Vinali Staffing

- Responded to and resolved a high volume of technical issues with strong analytical and troubleshooting skills.
- Clearly and effectively communicate information to others, providing them with the answers they needed.
- Escalated complex technical issues, resulting in timely resolution and improved user satisfaction.
- Achieved an exceptional level of performance and quality within just one month, exceeding expectations that it would take several years to reach.

IT Help Desk (November 2017 - July 2021)
Gerold Moving

- Provided technical support, including malfunctioning software and networking issues.
- Fixed problems related to computers running the Windows operating system, as well as with Microsoft Office 365 software and services.
- Took apart and put together computer systems to identify and fix problems with individual parts or components.