

# Gregory Crawford

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## EDUCATION

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### B.S. in Computer Science (May 2024)

#### Southern Illinois University Edwardsville

- Developed proficiency in programming languages such as **C**, **C++**, **Python**, and **JavaScript**.
- Took up the role of **Team Lead** on multiple projects across multiple courses to meet project deadlines.
- Coordinated the use of **Git** among team members to ensure all changes were tracked, reviewed, and properly integrated into the main codebase.
- Collaborated with team members to **set project goals and priorities**.
- Mentored junior team members to improve their coding skills and knowledge.

## SKILLS

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- **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

## EXPERIENCE

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### 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.

## PROJECTS

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### Server Management (May 2021 - Current)

#### [Personal Website](#)

- Caring for and updating several servers that use technologies such as **Docker** and **Apache** to make sure they run smoothly and securely.
- Scripts written in **Bash** that could **automatically perform 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 **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.