

# Gregory Crawford

[ [trianta.dev](https://trianta.dev) ] . [ [gregcraw2001@gmail.com](mailto:gregcraw2001@gmail.com) ] . [ 618 830 5817 ] . [ Swansea, IL ]

## Education

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### Bachelor of Science in Computer Science (Completed: May 2024)

Southern Illinois University Edwardsville

## Skills

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- **Programming Languages:** C++, C, Bash, Python, TypeScript, JavaScript
- **Tools:** SSH, Git, Apache, Docker, Jenkins, VirtualBox
- **Operating Systems:** Windows, Linux, Ubuntu, Debian, Arch

## Projects

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### Server Management (May 2021 - Current)

#### Personal Website

- Managing a fleet of three servers using **Docker** for deploying services and **Apache** for domain and subdomain routing.
- Wrote scripts in **Bash** to automatically perform routine tasks such as backups on **Debian Linux** servers.
- Manage the network infrastructure to allow for local management of DNS as well as simplified access through private domain addresses for accessing the servers.

### Open Source Contributions

#### Github Profile

- Some Merged Pull Requests: [ [hyprwm/Hyprland#7683](https://github.com/hyprwm/Hyprland/pull/7683) ] . [ [hyprwm/Hyprland#7575](https://github.com/hyprwm/Hyprland/pull/7575) ] . [ [hyprwm/Hyprland#7633](https://github.com/hyprwm/Hyprland/pull/7633) ]
- Collaborated on the launch of new project features, integrating user feedback into design iterations.
- Contributed 9 times to the Hyprland project which uses C++26, resulting in over 150 changed lines.
- Thoroughly tested software features in an isolated environment before releasing it into wider use.

### trianta.dev

#### lab.trianta.dev/Trianta/trianta.dev

- Created, designed, and continuously host a personal website at `trianta.dev`, which showcases some of the completed projects that were developed using **TypeScript** and **JavaScript**.
- Automatically built and deployed using a combination of **Jenkins** pipelines and a **Docker** container built from a Dockerfile.
- Utilized Git to manage and track changes within the project, along with the issues feature of Gitea to plan for future ideas.

## Experience

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### System Administrator (September 2024 - Current)

#### Gerold Moving

- Digitized old systems to new faster methods that allowed the employee to spend less time per document, increasing productivity by 30%.
- Designed efficient methods for managing internal tools, improving manageability and reducing the annual operating cost by over \$1,000.
- Organized a centralized knowledge base that collects information for common technical issues, including step-by-step instructions and relevant screenshots, to facilitate easy access and understanding.
- Conducted troubleshooting processes to diagnose and resolve problems related to software applications and network connectivity.

## Awards

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### Eagle Scout (Completed: June 2019)

- Achieved the rank of Eagle Scout as a member of Boy Scouts of America.
- Served for over a year as the Senior Patrol Leader of approximately 16 Boy Scouts, organizing, coordinating, and leading the troop during this time to reach their goals for the next rank.
- Demonstrated self-discipline and responsibility by managing time and resources effectively, completing service projects and achieving rank goals.