

Gregory Crawford

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EDUCATION

B.S. in Computer Science (May 2024)

Southern Illinois University Edwardsville

- **Relevant Courses:** Data Structures and Algorithms, Database and Web System Development, and Software Engineering

SKILLS

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

PROJECTS

snakeplusplus

lab.trianta.dev/Trianta/snakeplusplus

- **Developed** a high-performance, open-source implementation of Snake using **C++** and **SFML**.
- Utilizes **object-oriented programming** principles to design and implement a modular architecture.
- Easy compilation on any platform using **CMake**.

trianta.dev

lab.trianta.dev/Trianta/trianta.dev

- Developed, designed, and actively host a website at trianta.dev .
- Displays open-source projects I developed using JavaScript.
- Utilized Git for project management.

EXPERIENCE

Server Administrator (May 2021 - Current)

Self-employed

- **Developed** and **maintained** multiple software applications using programming languages, such as **C++** and **JavaScript**.
- Designed and implemented a scalable containerization solution using Docker, Apache, and other technologies.
- Integrated automated weekly **backups** on **Linux servers** in case of data failure.

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.
- Utilized strong **communication skills** to provide users with **detailed solutions**.
- Escalated complex technical issues, resulting in timely resolution and improved user satisfaction.

OTHER SKILLS

- Eagle Scout, Software Development, Open-Source Contributor, Unit Testing, Data Structures
- Strong Attention To Detail, Dedicated, DNS, DHCP, VLANs, Computer Proficiency, SSHFS