

Gregory Crawford

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Education

B.S. in Computer Science (May 2024)

Southern Illinois University Edwardsville

- **Relevant Courses:** Networks and Data Communications, Database and Web System Development, and Operating Systems

Skills

- **Programming:** C++, C, Bash, Python, SQL, JavaScript, Rust, HTML
- **Tools:** SSH, Git, Apache, Docker, CertBot, Wireshark, Nmap, VPN, Wireguard, MySQL, MariaDB, VirtualBox
- **Operating Systems:** Ubuntu, Debian, Arch, Linux, Windows, Security Onion

Experience

Server Administrator (May 2021 - Current)

Self-employed

- **Maintain** and upgrade **multiple servers** running Docker, Apache, and other technologies.
- Conducted regular vulnerability assessments and applied security patches to servers and applications.
- Independently research new technology outside of current implementations for improvements.

Help Desk Level 1 (May 2022 - July 2022)

Vinali Staffing

- Resolved technical issues with strong analytical and troubleshooting skills.
- Utilized strong **communication skills** to provide users with **detailed solutions**.
- Collaborated with IT team members to resolve complex issues and escalate as needed.

Projects

OWASP Top Ten Vulnerabilities Research Project

- Researched top ten web application security risk categories and located CVEs.
- Expanded knowledge of network security tools, including Security Onion, by using it to analyze traffic and identify vulnerabilities.

Snakeplusplus

lab.trianta.dev/Trianta/snakeplusplus

- Developed Snake using C++ with a focus on maintainable code.
- Uses the SFML library to display the game.
- Easy compilation on any platform using **CMake**.

Other Skills

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