



Griffin Yocum

Software Engineering and Cyber Security

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Skills

Programming Languages:

C/C++/C#, Python, Java,
JavaScript, HTML/CSS, Bash
scripting

Systems & Development Tools:

Linux Environments, Windows,
GitHub/GitLab, Microsoft Azure,
Oracle VirtualBox, Unity Game
Engine

Cybersecurity & Networking:

Penetration testing
methodologies, network
architecture design, vulnerability
assessment, security compliance
(HIPAA)

Database & Web Technologies:

SQL database management, web
application development, API
integration, cloud computing
platforms

Leadership & Activities

Gaming & Esports Club

Valorant Event Manager & Team
Captain, In-Game-Leader

Triangle Fraternity

Active Member

Certifications

Website Application Pentester Certification

TryHackMe

Introduction to Programming Certificate

DigiPen Academy

Work History

IT Manager - Waypoint Pediatric Therapies *May - August 2025*

Deployed and maintained full IT infrastructure including network and hardware administration for healthcare facilities.

Ensured HIPAA compliance, safeguarding patient data and supporting secure operations across all systems.

Implemented security protocols and conducted regular system audits to maintain data integrity and operational efficiency.

Tech Instructor - YouthTech Inc.

May - August 2024

Taught coding and game design fundamentals to 20+ students using hands-on projects and interactive learning methods.

Fostered teamwork and problem-solving skills in a collaborative learning environment while managing diverse age groups.

Developed curriculum materials and lesson plans that improved student engagement and learning outcomes.

Lifeguard - YMCA

April 2022 - August 2023

Ensured safety of 100+ patrons daily by monitoring activities and enforcing safety protocols in high-traffic aquatic environment. Maintained emergency readiness and conducted regular safety inspections of pool equipment and facilities.

Education

Iowa State University, Ames IA

Expected Graduation: 2027

Bachelors in Software Engineering, minoring in Cyber Security

Relevant Coursework

Data Structures & Algorithms, Advanced Programming
Techniques, Software Development Practices, Database
Management, Linux Fundamentals, Construction of User
Interfaces