

Andrew Romans

Warner Robins, GA

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Summary

Experienced Software Engineer with a passion and focus in Cyber Security, transitioning from a Machine Learning and Simulation background. Proficient in many languages, from C and x86 assembly to Python. Spends free time participating in CTFs, pwning challenges in TryHackMe and HackTheBox, and staying up-to-date with techniques on malware analysis, reverse engineering, and emerging cyber threats.

Work Experience

Air Force

Warner Robins, GA

COMPUTER SCIENTIST

Feb. 2021 - Present

- Spearheaded Artificial Intelligence efforts in the 577th of the DCGS.
- Advised and assisted teams on their AI and development efforts, helping teams accomplish their objectives.
- Designed team CI/CD system architecture and provided insights on best security practices throughout development.
- Worked on multi-disciplinary machine learning projects, such as Natural Language Processing, Computer Vision, and Regression prediction.

Shadow Health

Gainesville, FL

GAME DEVELOPER

Jan. 2018 - Jun. 2021

- Orchestrated the development of multiple high-fidelity 3D simulations for nursing colleges in over 1,800 programs worldwide.
- Developed in-house tools for interdisciplinary teams that helped increase team production and streamlined designer workflow.
- Chaired meetings for maintaining and discussing code and system infrastructure for older and newer simulations.
- Collaborated with large cross-interdisciplinary teams to communicate, build, and maintain features.

Certifications

Aug 2022 **Security+**, Credential ID: TKRMB8EYJFBE1X9G

CompTIA

Education

Georgia Institute of Technology

Atlanta, GA

M.S. IN CYBERSECURITY

Jan. 2019 - Present

Kennesaw State University

Kennesaw, GA

B.S. IN COMPUTER GAME DESIGN AND DEVELOPMENT

Aug. 2013 - May. 2017

Security Clearance

TS/SCI

Feb. 2021 - Present