

Owen Smith

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EDUCATION

Adrian College | Adrian, MI

Bachelor of Arts in CS, Minor in Cloud Web Development | GPA: 3.8/4.0

May 2026

Relevant Coursework: Data Structures, Algorithms and Analysis, C Programming, Information Technology, Web Design, Computer Networking

Awards & Honors: Dean's List (Fall 2023, Spring 2024)

RELEVANT EXPERIENCE

Rize Education | Remote

Aug 2024 - Present

Student Support Assistant

- Graded CS related papers for multiple sections of classes according to a given rubric.
- Communicated promptly and effectively with Professors and Students
- Ensured success for all students throughout the semester, tutored, etc.

SECURITY RESEARCH + MALDEV

go-wincall | Personal Project

- engineered a way to load arbitrary DLLs and call into exported functions without importing syscall or windows in Go
- solved an intermittent _chkstk issue caused by calling into functions that reside in DLLs linked with msvcrt.dll by offloading execution to go's system stack which is managed by the OS
- did all of this without external dependencies, just pure Go and Plan9 assembly

meltloader | Personal Project

- engineered a reflective and modular DLL/PE loader with tight memory management and evasion features in pure Golang with no external dependencies.
- leverages Windows internal RC4 implementation (SystemFunction031!cryptbase.dll)
- leverages winhttp.dll to pull down payloads without touching INetCache or AMSI

dead-av | Personal Project

- rewrote a Bring Your Own Vulnerable Driver POC in Golang capable of terminating AV/EDR processes continuously
- uses a vulnerable IOCTL to obopenobjectbypointer and control arbitrary process handles
- entire flow of vulnerable driver download, service creation/registration, and process termination demonstrated

SKILLS & CERTIFICATIONS

Programming Languages: Golang, Python, C

Tools & Technologies: Git, Docker, VMWare

Python Basic Certification: <https://www.hackerrank.com/certificates/iframe/33be43c256f4>