

Alexander Economy

<https://alexandereconomy.com> | <https://github.com/Aeconomy7>

Objective

To safeguard from cyber threats by identifying vulnerabilities, educating on security best practices, and emulating offensive exercises to enhance defensive capabilities.

Skills & Extracurricular

- Proficient in C++ / C / C# / Assembly / Python / Bash & PowerShell Scripting
- Linux and Windows server deployment and administration (Ansible / Terraform)
- Application (Web, API, Thick client, Mobile) and network (internal, external, red and purple team) testing methodology
- Collegiate Cyber Defense Competition (CCDC)
 - Southwest CCDC 2019 - Blue team regionals placement
 - Southwest CCDC 2024, 2025 - Red team qualifiers and regionals volunteer to perform adversarial simulation

Experience

NetSPI

Security Consultant II

Aug 2024 - Present

- Lead penetration testing efforts on numerous web application assessments
- Performed investigations into scraping incidents by leveraging OSINT, attribution techniques, and large-scale traffic analysis to identify unauthorized data collection, then track and enforce on the threat actor

PricewaterhouseCoopers

Cyber Defense and Engineering Senior Associate

Jan 2022 - Aug 2024

- Lead penetration testing efforts on numerous application and network (internal, external, and purple team) penetration testing resulting in over \$3.5 million in work won from various clients including Fortune 500
- Served as Research and Development lead for red team methodology and internal firm security tools and attack frameworks
- Developed and maintained training lab environment including latest and greatest Active Directory and Windows/Linux attack paths
- Instructed yearly training for new team members for both application and network security assessments

Cyber, Risk, and Regulatory Associate

Aug 2019 - Jan 2022

- Conducted extensive application penetration tests to identify vulnerabilities and enhance security posture
- Prepared and Presented enterprise/regional Threat Intelligence reports to cover global cyber threat landscape for a Fortune 500 energy company
- Assessed clients' compliance using PCI-DSS and NIST frameworks
- Designed, developed, and hosted challenges for PwCTF (Capture the Flag) 2020

Education & Certifications

Offensive Security Certified Professional (OSCP)

Attained Dec 2021

University of North Texas | Denton, Texas
BS in Computer Science

Graduated May 2019