

Chi Tran

Security Researcher

Chi is a skilled professional in Vulnerability Management and Penetration Testing, known for his technical expertise and passion for sharing knowledge. His cybersecurity career features a broad portfolio of code-review projects, numerous CVE publications, and active involvement in CTF competitions. Chi is dedicated to advancing the industry, consistently contributing insightful security research to foster a more secure digital community.

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☎ 214-709-9118

📍 Wylie, TX

🌐 ctrsec.io

SKILLS

Python

Go

Security Research

Application Security

Web Application Security

Threat Modeling

Vulnerability Management

Security Review

Cloud Security

WORK EXPERIENCE

Security Researcher

Amazon Web Services (AWS)

08/2022 - Present

Amazon Inspector

Achievements/Tasks

- Led the enhancement of Amazon Inspector and AWS vulnerability management tools, focusing on robust security solutions for both AWS-native and third-party integrations.
- Conducted research on vulnerabilities in software libraries and applications, including third-party components, to bolster system security and preempt potential threats.
- Developed security applications and proofs-of-concept, demonstrating innovation in integrating and securing third-party tools within AWS products.
- Participated in application security reviews, ensuring comprehensive evaluations that encompassed third-party applications and aligned with industry best practices.
- Designed and implemented Software Bill of Materials (SBOM) generator and scanner for effective tracking of both AWS and third-party software components, enhancing overall security posture.

Application Security Engineer

Amazon Web Services (AWS)

06/2020 - 08/2022

AWS Security

Achievements/Tasks

- Helped driving AWS Bug Bounty Program by triaging new external submissions, monitoring, and validating the mitigation process.
- Worked with engineering teams across AWS to prioritize security issues identified during Security Due Diligence and Application Security Reviews.
- Provided expert advice and consultancy to internal customers on risk assessment, incident triage, threat modeling, and security vulnerability mitigation.
- Collaborated with engineering teams to drive product road-maps by providing security requirements that map security controls to service features.

Virtual



WORK EXPERIENCE

Senior Penetration Testing Consultant Protiviti

02/2020 - 06/2020

Achievements/Tasks

- Assessed clients' network security posture using manual techniques and automated tools to identify and verify common security vulnerabilities. Report vulnerabilities and standard remediation activities, to include clear demonstration of risk to clients.
- Conveyed complex technical security concepts to technical and non-technical audiences including executives.
- Delivered projects using well-defined methodology across various security assessment disciplines: Red Team/Purple Team Engagements, PenTests, Network Vulnerabilities Assessments, Social Engineering, IoT Hacking, Web and mobile app testing.

Dallas, TX

Penetration Tester Express Scripts

05/2018 - 01/2020

Achievements/Tasks

- Executed internal and external penetration tests against corporate cloud applications, web applications, APIs, networks, Windows and Unix variants to discover vulnerabilities.
- Performed mobile application penetration tests for both Android and iOS based devices.
- Created comprehensive and accurate penetration testing reports with recommendations for appropriate remediation.
- Developed scripts, tools, and methodologies to enhance Express Scripts penetration testing processes.

Saint Louis, MO



ACHIEVEMENTS

Certifications: OSCP, OSCE, OSWE, GPEN

<https://www.credly.com/users/chitran/badges>

Department of Defense Researcher of the Month
(03/2021)

<https://twitter.com/DC3VDP/status/1378003945147219975>

Security Blog & Research writeups & List of CVEs

<https://ctrsec.io/about>



EDUCATION

Bachelor of Science in Computer Science Southern Methodist University

01/2016 - 05/2019