Pham The Phong

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EDUCATION

Ha Noi University of Science and Technology, SOICT **2023 - Present**
Bachelor of Cyber Security

Relevant coursework : Blockchain , Data Structures and Algorithms , Object-Oriented Programming (Java), Machine learning , Deep learning, Cryptography, Computer Networks , Network security, Operating Systems , Computer Architecture

TECHNICAL SKILLS

- Programming language : Python , Solidity , Bash
- Familiar with Javascript, PHP, SQL
- Web Fundamentals: HTTP/HTTPS, Cookies, Sessions, Same-Origin Policy (SOP)
- Familiar with Foundry , Docker , GitHub , Git, Burp Suite, Ghidra, x64dbg
- Knowledge areas:
    - Basic understanding of Blockchain Technology, EVM architecture , Understand common smart contract vulnerabilities : Reentrancy , Integer Overflow/Underflow, Dos with Failed call (FallBack abuse), Storage Collision, Access Control Vulnerabilities , Uninitialized Storage/Proxy
    - Basic understanding of OWASP Top 10: SQLi, XSS, CSRF, Authentication and Access Control vulnerabilities,..
- Operating system : Windows , Ubuntu
- Language : Vietnamese (native) , English (Toeic Reading & Listening 650)

RELEVANT EXPERIENCE

Security Practice

• Completed the CryptoZombies Solidity learning path.
• Solved CTFchallenges on DreamHack and PortSwigger platforms.
• Practiced web application security testing through PortSwigger Web Security Academy.
• Studied OWASP Top 10 vulnerabilities including SQL Injection, Cross-Site Scripting (XSS), and Cross-Site Request Forgery (CSRF).
• Learned reverse engineering fundamentals using Ghidra, x64dbg, and Frida.
• Performed basic Android and iOS application analysis using Frida.

PROJECTS

Smart Contract Audit project https://blog.phongpt.com/post/smart-contract-audit-writeup

• Built and tested Solidity smart contracts using Foundry.
• Analyzed common vulnerabilities including:Reentrancy, Integer Overflow/Underflow, Access Control Issues
• Used Docker and Git for environment management and version control.
• Documented findings and recommendations in audit write-ups.

Web Security Labs : https://github.com/Phong-pt/PortSwigger-DreamHack

• Doing practical labs on PortSwigger Web Security Academy and DreamHack.
• Practiced exploiting vulnerabilities including: SQLi, XSS,...
• Wrote technical write-ups documenting exploitation steps and remediation recommendations.

Mobile Security Practice: https://github.com/Phong-pt/Mobile-Dreamhack

• Performed basic Android and iOS application analysis using Frida.
• Wrote technical write-ups documenting exploitation steps and remediation recommendations.

CAREER OBJECTIVE

Cyber Security student passionate about Bug Hunting, Blockchain Security, and Web Application Security. Currently developing practical skills through CTF challenges, security labs, and independent research while building a strong foundation in security concepts and vulnerability analysis.
Seeking an internship opportunity to gain hands-on experience, learn industry best practices, and grow into a security researcher capable of contributing to both Web2 and Web3 security projects.