

Syler Clayton

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EDUCATION (M.S.)

University of Alaska Fairbanks
2008-2014, 3.85 GPA
B.S./M.S., Computer Science
Minor, Mathematics

SKILLS

- Offensive Security
- Reverse Engineering
- Exploit Development
- Red Teaming
- Penetration Testing

Languages:

C, C++, Python, Bash, C#, Java,
PowerShell, JavaScript, Ruby

ISAs:

x86, PowerPC, ARM, MIPS

Tools:

Fortify, BurpSuite, IDA, Ghidra

CERTIFICATIONS

OSCP, OSCE, NSTISSI-4011,
CNSSI-4013, GIAC GSEC

CONFERENCES

BSidesPDX, HushCon, RECon,
BlackHat, Defcon, DerbyCon,
ToorCamp, ShmooCon, Infiltrate

RECENT COURSES

- Applied Physical Attacks
- Exploiting RTOS'
- Advanced Windows Exploitation
- Windows Kernel Rootkits

AWARDS

- 1st CCDC Regional
- 3rd CCDC National
- 2nd MetaCTF
- Deans List

EXPERIENCE (11YR)

Oracle - Offensive Security (4yr)

Senior Offensive Security Engineer

November 2019 – present

Remote

- Full stack security assessments for Oracle's Cloud Infrastructure (OCI) from secure boot to cloud console APIs.
- Internal tooling, automation & metrics.
- Contribution to open source software project Cartography.
- Change & Control Review Board Member

HP - Offensive Security (4.5yr)

Lead Application Security Engineer

June 2015 – November 2019

Portland, OR

- Performed static & dynamic code analysis, exploit development, penetration testing & phishing campaigns.
- Conducted technical interviews, trained new employees, gave presentations & mentored an intern.
- Malware & Attack Circle Board Member

Resource Data Inc. (1yr)

Secure Software Developer

May 2014 – June 2015

Fairbanks, AK

- Reversed proprietary file formats & implemented parsers.
- Identified & helped remediate critical security vulnerabilities.

University of Alaska Fairbanks (2yr)

Computer Lab Manager/Security Researcher

August 2012 – May 2014

Fairbanks, AK

- Embedded security research for various devices (DoD grant) & worked with the University, FBI & NSA on disclosure.
- Managed a lab of 30 machines & 6 student employees.
- Developed a new website for the C.S. department (cs.uaf.edu).
- Board member for Cyber Security Club. CCDC Red Team Lead.

PROJECTS

- OneWheel Reverse Engineering & Exploit Development
- Cartography (OCI IAM support)
- Nintendo Wii U Exploit Development (libwiiu)
- Nintendo 3DS Decryption Utility (3DS_Multi_Decryptor)
- Escape From Tarkov Radar using DMA (Private)
- AI Prompt Injection (GPT4) & running local LLMs
- Intelligent Platform Management Interface Security Research
- Playstation 3 System Architecture