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# Ansuvsikka

Fairfax, VA  
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## PROFILE

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Motivated offensive security software engineer who demonstrates strong work ethic and creative abilities.

ACTIVE DoD TS/SCI w/ FSP Security Clearance

## WORK EXPERIENCE

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### Parsons Corporation

Centreville, VA

CNO Developer (03/2023 – Present)

- Ethical Android malware development and vulnerability assessments on Android OS phones, where I investigate software bugs, that could be used as exploits, within mobile browsers, baseband and CPU processors, and software applications
- Regularly automate deployment of our software exploits on Android phones to investigate bugs that may occur whenever adding features that support new capabilities, saving ~100k dollars of testing efforts
- Lead developer for our container services, which deploys our exploitation software for the US government customer to integrate within their command & control (C&C) product for critical counterintelligence missions
- Coordinate task orders within the team, and use software agile methodologies to ensure all tasking completes efficiently
- Collaborate with other Intelligence Community agency's ~20 hours a month to investigate security features and 0-day vulnerabilities for Android phones

### Lockheed Martin

Herndon, VA

CNO Developer (06/2018 – 03/2023)

- Ethical Windows malware development and vulnerability assessments on government infrastructure, where I investigated software vulnerabilities within Windows applications and drivers, and developed malicious toolsets for Windows 7, 10, and 11 machines
- Regularly automated tasks within offensive security events, documented the results, and reviewed vulnerabilities found with vendors, which saved ~250k dollars of testing efforts
- Coordinated task orders within the team, and used software agile methodologies to ensure all tasking completes efficiently, which saved 150k dollars of development costs
- Periodically ran vulnerability scans (STIGs, ACAS) to meet operational requirements. Designed system architectures for advancing cyber security features and implementations on ~500m dollar government technology

## EDUCATION

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### University of California - Berkeley

Masters in Information and Cyber Security

Berkeley, CA

- Expecting graduation Spring 2025

### George Mason University

B.S. Computer Science

Fairfax, VA

- Cumulative GPA: 3.92 (*Summa Cum Laude*)

### Northern Virginia Community College

A.S. Computer Science

Annandale, VA

- Cumulative GPA: 3.95 (*Summa Cum Laude*)

## TECHNICAL SKILLS & PROJECTS

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- Technologies: C/C++ (4 years), Java, Python (6 years), SQL, Linux, x64/ARM Assembly (3 years), Docker (2 years)
- Tools and Operating Systems: Windows, MacOS/iOS, Android, Ghidra/IDA Pro (Reverse Engineering toolsets), Gitlab, pfSense/IPTables (firewalls), IPsec/STUNNEL/VPNs (Network Encryption), Nessus (ACAS), STIGs
- Project manager for a web application that was designed to store performance records for engineers that started their careers at Lockheed Martin, saving 1 million dollars in presenting quarterly reviews to the customer
- Lead engineer of designing a C&C application to propose to an IC customer for winning 4 contract bids