Jonathan Brown

💼 Cyber Threat Emulator

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👤 Professional Profile

My expertise of eight years lies in dissecting the methods employed by malicious actors, reverse engineering their strategies, and recreating them. I'm committed to the technical development of myself as well as that of my peers. I thrive in a sharing and motivated environment and actively try to create one wherever I go.

🏢 Work Experience

4/25 IBCT (Airborne)   **Apr 2017 - Apr 2021:**   *Satellite Communications Operator.*
"In the field" satellite communications operator. Planned and deployed Brigade wide (500 client) networks and system's automation with hands on experience working varying frequencies and modulations.

Cyber Threat Emulations *USACPB*   **Apr 2021 - Actual:**   *Senior Threat Emulator.*
Senior lead in the Army's only Cyber Threat Emulations (CTE) cell. Focusing on researching and developing TTP's which simulates actions deployed by Nation State Advanced Persistent Threats in order to train Cyber Defenders and AI models.

⚙ Technical Skills

- ✔ Active Directory Exploitation
- ✔ Binary Exploitation
- ✔ Web Development
- ✔ Web Exploitation
- ✔ Software Defined Radio
- ✔ DevOps
- ✔ Embedded Systems/OT

✹ Certifications

- ✸ OffSec Certified Professional (OSCP)
- ✸ OffSec Wireless Professional (OSWP)
- ✸ OffSec Experienced Penetration Tester (OSEP)
- ✸ OffSec Exploit Developer (OSED)
- ✸ OffSec Web Expert (OSWE)
- ✸ OffSec Certified Expert 3 (OSCE3)

🔤 Languages

- 🌐 Rust
- 🌐 C
- 🌐 C#
- 🌐 Python
- 🌐 x86 Assembly

Links

Various links associated with me.

github: numonce

Website: Bit-bandits
Co-contributer to Bit-Bandits, a Github Pages hosted wiki dedicated to providing detailed writeups on different CVE's and attacker techniques, from infrastructure deployment to actual exploitation.

Credential.net: My credential wallet.