Brayden Borges

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Education

Dakota State University Graduated August 2026
BS Cyber Operations | CCDC Linux Captain; DSU CTF/Computer Club President.
Relevant Coursework/Focus: Reverse Engineering, Vulnerability Research, Network Security, Cryptography, Operating Systems.

Experience

AI Security Engineer Nov 2025 – May 2026
Zellic Remote
- Developed AI audit workflows for smart-contract and protocol vulnerability research.
- Automated reformulation of bug classes into mathematical problems solved with constraint solvers.
- Connected source review, triage evidence, and exploit validation into reproducible workflows.
- Engineered and optimized prompts to improve response quality over one-shot LLM output.

Security Engineer Intern Aug 2022 – Mar 2023
Save Mart Modesto, CA
- Monitored thousands of endpoints with Cisco Secure Endpoint and Darktrace AI.
- Investigated security events, documented response paths, and escalated confirmed threats.
- Cut phishing triage time by 60% by integrating Cisco Secure Endpoint, Darktrace, and VirusTotal.
- Reviewed endpoint telemetry and emerging threats during weekly security reviews.

Projects and Leadership

Founder and Captain 2023 – Present
Squid Proxy Lovers International
- Founded and lead SPL, a 501(c)(3) competitive cybersecurity team ranked top-3 in the U.S. in 2025.
- Recruited category specialists from around the U.S. and the world, coordinating tooling efforts and live finals preparation.
- Led team strategy for DEF CON Finals (3rd), Google CTF (3rd), HITCON (1st), CSAW Finals (1st), and PlaidCTF.
- Coordinated security research groups focused on vulnerability discovery.

Squid Agent 2025 – Present
Multi-Agent CTF Auto Solver SPL
- Designed an agentic harness for autonomous CTF solving, integrating Docker execution, JSON ingestion, RAG, and multi-agent coordination.
- Solved 46/50 NYU CTFTiny challenges and 44/50 CSAW 2025 challenges.

IkaAgent 2025 – Present
Vulnerability Research Platform Research Project
- Developed a multistage audit pipeline to automate vulnerability discovery in local/GitHub targets.
- Implemented static scan, file profiling, invariant analysis, reachability triage, reporting, PoC generation, and patching.
- Added CFG/import analysis, async Semgrep verification, CVE eval shards, and resumable session logs.

CCDC Linux Captain 2023 – 2026
Dakota State University Madison, SD
- Automated Bash execution across hundreds of hosts over SSH.
- Extended Falco EDR workflows with custom frontend and response tooling.
- Led Linux hardening, incident response, service recovery, and blue-team operations.

Awards

- DEF CON: Quals 1st; Finals 3rd (2025, 2026)
- CCDC Nationals: 1st (2026), 3rd (2025)
- US Cyber Team
- National Cybersecurity League (NCL) 2/8000
- NCL Team Round 1st 2x
- NSA Codebreakers Full Solver '24, '25
- CyberPatriot National Finalist
- picoCTF 2025 3rd place
- Google CTF 2025 3rd place
- CSAW CTF Finals 2025 1st place
- DiceCTF Finals 2nd place
- HITCON CTF 2025 1st place

Skills

Security: reverse engineering, binary exploitation, malware analysis, Linux hardening, CTF automation
Languages/Tools: Python, C/C++, Bash, Linux, Docker, Git, IDA Pro, Binary Ninja, Ghidra, GDB/pwndbg, Pwntools, Angr, Z3, Falco
Certifications: GFACT, GSEC, GCLD, CompTIA A+, CompTIA Security+.