

Jordan Liao

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EDUCATION

Stony Brook University

Bachelor of Science in Computer Science

Stony Brook, NY

August 2026

Relevant Coursework: Web Security, Offensive Security, Machine Learning, Computer Networks, Legal Issues in Computing, Software Engineering, System Fundamentals

EXPERIENCE

Information Security Intern

Stony Brook University Hospital

June 2024 - May 2026

Stony Brook, NY

- Analyzed alerts within Microsoft Defender Suite to neutralize phishing threats, evaluate risky user behavior, and perform root-cause analysis on security incidents
- Designed targeted KnowBe4 phishing simulations for 5,000+ hospital staff, driving awareness training and reducing organization-wide click rates
- Shipped a risk-calculation tool, built with Javascript, streamlining Cyber BAA insurance coverage assessments
- Identified high-risk internal VPN practices and presented a technical solution to automate subdomain tracking and dynamically harden access control

Code Reviewer

Remotasks/Outlier AI

March 2024 - December 2024

Remote

- Audited AI-generated code across Python, Java, JavaScript, C, and Bash, identifying logic flaws, edge cases, and security vulnerabilities in algorithmic, web development, and automation contexts
- Produced corrected code and granular technical feedback that fed reinforcement loops, measurably improving model accuracy in code generation and reasoning

PROJECTS

HackerOne: Hacker101 CTF | Web Hacking

June 2026 - Present

- Captured 8 flags across intermediate web applications, identifying critical flaws including IDOR, SQL Injection, XSS, and parameter pollution
- Utilized Burp Suite and manual source code analysis to intercept traffic, map attack surfaces, and execute automated payloads via sqlmap
- Authored vulnerability remediation reports detailing technical proof-of-concepts and actionable defensive patches for discovered bugs

tcpscan - Network Scanner/Service Fingerprinter | Python, Scapy

March 2026

- Implemented a raw TCP SYN network scanner in Python using Scapy, building a multi-stage probe cascade to accurately fingerprint plaintext/TLS services and extract SSL certificate Common Names

Twitter-Clone Security Hardening | PHP, PostgreSQL, fail2ban, Git

December 2025

- Mitigated critical web vulnerabilities by securing application source code against SQL Injection and Cross-Site Scripting via robust input sanitization and output encoding
- Configured perimeter defenses using fail2ban, configuring automated rate-limiting and IP banning rules to protect endpoints against DoS and brute-force attacks

TECHNICAL SKILLS

Platforms & Tools: Microsoft Defender, Entra ID (Azure AD), Windows, Linux (ubuntu; kali), Microsoft 365, KnowBe4, Valimail, Upguard, AnyRun, Scapy, tcpdump, Ghidra, Burp suite, Wireshark, nmap, fail2ban

Frameworks: NIST, HIPAA

Programming Languages: Java, Python, Javascript, C/C++, Bash, NoSQL(MongoDB), SQL(Postgres), PHP, HTML/CSS

Certifications & Training: CompTIA Security + (In Progress), Anthropic AI Fluency Framework & Foundations, Anthropic Claude 101