

# Ian Sun

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## EDUCATION

### Boston University

*Master's, Computer Science/Cybersecurity*

**September 2023 - May 2027**

GPA: 3.72

- BA/MS in Computer Science/Cybersecurity
- Relevant Coursework: Combinatoric Structures, Computer Systems, Linear Algebra, Probability in Computing, Algorithms, Computer Networks, Intro to Information Security, Distributed Systems, Software Engineering, Intro to AI, Data Science Applications, Databases

## PROFESSIONAL EXPERIENCE

### Boston University

*CS132 Course Assistant*

**Boston, MA, USA**

September 2025 - Present

- Facilitated Socratic-style office hours, guiding 150+ students through linear algebra concepts without giving away answers
- Crafted and refined Piazza explanations to clarify foundational and challenging topics for large student cohorts
- Provided detailed, empathetic grading feedback on assignments and exams, ensuring transparency and learning value

### SecureWorld

*Conference Speaker*

**Remote**

September 2025 - September 2025

- Presented "Dissonance Test: What Can't Be Faked" to 40+ senior leaders and VPs from major U.S. financial institutions to SecureWorld
- Introduced a novel behavioral screening method to detect North Korean IT infiltration, converting CTI into deployable workforce defenses

### Self-Employed

**Bryn Mawr, PA, USA**

June 2025 - Present

*Offensive Security Trainee*

- Built and operated a self-hosted pentesting lab with Windows Server, Kali Linux, and Metasploitable to simulate enterprise environments
- Executed real-world attack chains taught in the PNPT, including AD enumeration, lateral movement, and web app exploitation
- Applied OSINT, credential harvesting, and post-exploitation methodology using tools like Burp Suite, Metasploit, Nikto, and BloodHound

### Boston University

**Boston, MA, USA**

*IT Support Specialist*

October 2024 - Present

- Diagnosed and resolved hardware, software, and network issues across Windows + macOS operating systems and AV systems, ensuring seamless operations for faculty and staff at a 30,000+ student university
- Managed high-priority technical support requests, rapidly resolving classroom technology issues to reduce downtime

### BU Cybersecurity Association

**Boston, MA, USA**

*Vice President*

January 2024 - Present

- Coordinated ethical hacking workshops, introducing members to pentesting methodologies and red teaming strategies
- Hosted 10+ interactive cybersecurity workshops and networking events for 20+ active members
- Led the OWASP Amass technical project, guiding members through attack surface enumeration and infrastructure mapping

### U-Combination Technology

**Wayne, PA, USA**

*Intern*

September 2023 - December 2023

- Oversaw access control and classroom technology, assisting with device provisioning, LMS integrations, and networked classroom management tools across 15+ schools
- Assisted with firewall, switch, TCP/IP and DNS configurations + MDM solutions to maintain secure IT infrastructure
- Provided remote monitoring and troubleshooting across client systems using enterprise RMM tools for 40+ clients

## PROJECTS & OUTSIDE EXPERIENCE

### SafeContractor - Civic Tech Hackathon (Won Best Overall + Best Scam Protection)

**February 2025 - February 2025**

- Engineered a React & FastAPI platform integrating MariaDB, SQLAlchemy, OpenAI, and web scraping, verifying 70K+ contractor records and generating AI-driven credential summaries for fraud prevention

### Elector - BostonHacks

**November 2024 - November 2024**

- Developed a Flask-based election monitoring tool integrating MongoDB, Cloudflare, Bootstrap, and Mistral LLM to scrape AP election results, parse RSS feeds, and visualize real-time data

## SKILLS

**Skills:** Python, Java, C/C++, HTML/CSS, JavaScript, SQL, Wix, Wordpress, Webflow, Flask, MongoDB, Cloudflare, OpenVPN, Samba, Webmin, OWASP, Nmap, Burp Suite, Metasploit, Wireshark, BeEF, Proxmox, VMWare, VirtualBox, Firewalls, MDM, RMM, Cybersecurity, Computer Networking, PowerShell, Kali Linux, theHarvester, Active Directory

**Certifications:** CompTIA Network+, CompTIA Security+, ISC2 Certified in Cybersecurity (CC), Practical Network Penetration Tester (PNPT) in progress