Jonathan Mshvelidze

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Education

Macaulay Honors College at Brooklyn College	Brooklyn, NY
Bachelor of Science in Computer Science, 4.0 GPA	December 2025

Certifications

CompTIA Security+	April 2024
Google Cybersecurity Certificate	August 2023

Experience

Brooklyn College - Tow Mentoring Initiative Brooklyn, NY
Researcher August 2024 to Present
- Develop a Flutter-based gamified mobile health application to improve physical activity rates in older adults
- Document and report app feature recommendations by translating previous research into an accessible literature review
- Design a working app prototype in Figma based on feedback from older adult study participants
- Collaborate with a team spanning five universities to meet deadlines and ensure successful implementation of recommendations

Iowa Sports Management Brooklyn, NY
Lifeguard October 2020 to Present
- Quickly make life-saving decisions during emergency rescues
- Perform routine equipment maintenance and inspection to secure patron safety and compliance with government regulations
- Communicate with customers to facilitate understanding of pool rules and guarantee satisfaction
- Maintain lifeguarding skills through consistent training

Projects

TCM Security Academy June 2024 to Present
- Regularly complete hands-on training exercises to obtain TCM Security's PNPT (Practical Network Penetration Tester) Certification
- Independently study courses to gain familiarity with penetration testing tools on Kali Linux

TryHackMe November 2024
- Completed all TryHackMe learning paths to increase knowledge in security operations, penetration testing, and security engineering
- Gained foundational skill in triaging alerts, managing security tools, and identifying cyber threats
- Learned basic penetration testing methodologies and reporting best practices
- Studied entry-level network, system, and software security hardening and risk management techniques

PortSwigger's Web Security Labs October 2024
- Solved over 25 interactive web application penetration testing labs using Burp Suite
- Practiced exploiting common vulnerabilities like SQL injection, Cross-Site Scripting, and Server-Side Request Forgery

Personal Website (mshvelidze.com**)** August 2024
- Created and designed a website using WordPress, HTML, and CSS to effectively display personal skills
- Blog step-by-step documentation of current projects and code

Technical Skills

Java, C++, Flutter, JavaScript, CSS, HTML, Burp Suite, Linux, Kali Linux, WordPress, Figma
Microsoft Word, Microsoft PowerPoint, Microsoft Excel, Adobe Photoshop, Canva