Evan Lewis

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EMPLOYMENT

Old Republic Title Remote   **December 2021-Present**

Application Security Engineer   June 2022-Present

- Conduct internal penetration testing, vulnerability assessments, and manual code reviews on business-critical company applications
- Perform application and system design security reviews and threat modeling
- Developed containerized, cloud-based antivirus as a service platform for use by various company-developed applications
- Consult with development teams to prioritize threats and determine mitigation strategies

Application Security Analyst   December 2021-June 2022

- Determined company needs, demoed, and purchased DAST and SAST scanning solutions
- Developed automated controls in CI/CD to prevent vulnerabilities from being introduced
- Orchestrated yearly external penetration testing and vulnerability remediation on nine SOX/SOC2 regulated applications
- Provided security guidance and recommendations to development teams to ensure secure coding practices.

Bank of America Remote   **May 2020-December 2021**

Software Engineer   August 2020-December 2021

- Developed frameworks to generate and validate positions in fixed income trading portfolios valued at over $100 billion
- Maintained high standard of security protocols to protect non-public material information
- Designed and built distributed batch processes to generate metrics on Fixed Income, Currencies, and Commodities holdings

Enterprise Independent Testing   May 2020-August 2020

- Determined eligibility for Federal Payment Protection Plan loans and loan forgiveness
- Approved loans worth a combined value of $1.2 million

INTERNSHIPS

Bank of America New York City, NY   **Summer 2019**

Software Engineer

- Created and integrated RESTful API to automate release coordination for Mortgage team
- Developed database synchronization utilities for Batch Processing team

Ulster County Sheriff's Department Kingston, NY   **Summer 2018**

Law Enforcement Intern

- Worked in various roles within jail (housing blocks, river patrol boat, intake, dispatch, visitation)
- Consulted with jail management on procedures, training, and responsibilities

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SKILLS

Programming Languages: Python, JavaScript, C/C++/C#

Certifications: GIAC Enterprise Penetration Tester, GIAC Incident Handler, SANS Advisory Board

Proficiencies: Microsoft Azure, Kali Linux, Burp Suite, OWASP Top Ten/Secure Coding Practices

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EDUCATION

Stevens Institute of Technology Hoboken, NJ   **May 2020**

Bachelor of Science in Computer Science

Honors: Presidential Scholarship

GPA: 3.339