RAINE JOHNSON

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Education

B.S. Computer Science and Cybersecurity   **Sept 2022 – Jun 2026**
University of Washington Bothell

Grayhats Cybersecurity Club   **Aug 2024 – Jun 2026**
University of Washington Bothell

Experience

The Estee Lauder Companies   **June 2025 – Aug 2025**
Operational Technology Cybersecurity Analyst Intern   *New York City*

- Deployed and configured Dispel infrastructure across global OT systems supporting a company with over 62,000 employees and operations in approximately 150 countries, ensuring secure remote vendor access and reducing third-party exposure.
- Onboarded and optimized Armis for real-time asset visibility and threat detection across OT/IoT networks, aligning with Estee Lauder's robust cybersecurity framework that protects $15.6B in annual revenue and 56% in skincare business share.
- Collaborated with cross-functional IT and risk teams to integrate cybersecurity tools into industrial networks, supporting compliance measures and safeguarding critical infrastructure.

Bose   **Jan 2022 – Sept 2022**
Roadshow Engineer   *International*

- Collaborated with a team to manage sensitive project files in a secure git repository, ensuring proper version control and access security.
- Designed virtual reality (VR) demonstrations using C++ with a focus on securing communication channels between hardware systems during international presentations.
- Ensured systems operated securely and in line with both marketing and engineering requirements, adhering to data protection and confidentiality standards.

Microsoft   **July 2021 – Sept 2022**
Certification and Accessibility Tester   *Redmond*

- Conducted security tests on Xbox products, including network calls and crash dumps, identifying potential vulnerabilities and enhancing product integrity.
- Introduced and enforced strict security protocols for protecting personal identifiable information (PII) during testing.
- Utilized debugging tools to identify and resolve security issues, including title stability and system integrity, contributing to the overall resilience of Xbox products.

Projects

Managing API Keys and Files | *JavaScript [Github](https://github.com)*   **July 2024**

- Designed and implemented a secure system to manage and store API keys, ensuring proper encryption and access control.
- Automated processes for API key rotation and monitoring to reduce the risk of unauthorized access.
- Developed best practices for file handling and storage, focusing on data encryption and minimizing exposure of sensitive information.

SQL Injection Prevention | *CSS, EJS, JavaScript [Github](https://github.com)*   **July 2024**

- Developed and implemented input validation techniques to prevent SQL injection vulnerabilities in web applications.
- Utilized prepared statements and parameterized queries to securely handle user inputs and prevent malicious SQL execution.
- Conducted security audits and testing to identify and mitigate potential SQL injection risks, ensuring database integrity and protection.

Skills and Tools

Armis, Dispel, Wireshark, OracleVM, Nessus, NMAP, Splunk SIEM, Metasploit, SentinelOne, Incident Response, Ethical Hacking, Scripting, Kali Linux, Ubuntu, ServiceNow, Palo Alto Firewalls, Tenable, PowerBI, NIST Cybersecurity Framework, Illumio, XCERT, Fiddler, C++, Java, HTML, SQL, Python, git, GitHub, LaTeX, Packet Filtering, Risk Analysis, Penetration Testing, Threat Hunting, Node.js, Cross-Site Request Forgery, Security Logging, Access Control

Certifications

Certificate 1: ISC2 Cybersecurity Certification
Certificate 2 : Codecademy Cybersecurity Certification
Certificate 3 : Cascadia College Computer Programming Foundations Certificate