

Pei Wittliff

IT Security Engineer

Profile

IT Security Engineer with 2 years of experience in implementing robust security solutions and protecting critical data assets. Proficient in vulnerability assessments, risk mitigation, and incident response. Adept at collaborating with cross-functional teams and staying current on industry trends and best practices. Strong analytical and problem-solving skills, with a commitment to continuous improvement in the rapidly evolving cybersecurity landscape.

Employment History

IT Security Engineer at Microsoft Corporation, WA

Apr 2023 - Present

- Implemented a robust security framework for Microsoft's cloud infrastructure, resulting in a 35% reduction in security incidents and a 25% decrease in response time to threats.
- Developed and deployed an automated threat detection and response system that increased the efficiency of the security team by 40%, leading to faster resolution of potential vulnerabilities.
- Led a team of engineers in a successful security audit of Microsoft's entire network infrastructure, identifying and remediating over 150 critical vulnerabilities, ensuring compliance with industry standards and best practices.
- Designed and implemented a comprehensive employee cybersecurity training program, increasing overall security awareness by 60% and reducing the number of successful phishing attacks by 45%.

Associate IT Security Engineer at Amazon Web Services, WA

Jul 2021 - Mar 2023

- Led a team in successfully mitigating 95% of identified security vulnerabilities within AWS infrastructure over a six-month period, resulting in a significant reduction in potential security risks for clients.
- Developed and implemented a comprehensive security training program for over 1,000 employees, increasing overall security awareness by 80% and reducing the number of security incidents caused by human error by 60%.
- Collaborated with cross-functional teams to design and deploy a multi-factor authentication system for all AWS internal applications, reducing unauthorized access incidents by 90% and strengthening overall access control measures.

Education

Bachelor of Science in Cybersecurity at University of Washington, Seattle, WA

Sep 2017 - May 2021

Relevant Coursework: Network Security, Cryptography, Ethical Hacking, Digital Forensics, Cybersecurity Risk Management, Secure Software

Details

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Links

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Skills

Cryptography

Penetration Testing

Firewall Configuration

Intrusion Detection

Secure Coding

Risk Assessment

Identity Management

Languages

English

Portuguese

Hobbies

Building and programming Raspberry Pi projects

Participating in Capture the Flag cybersecurity competitions

Exploring and learning new programming languages