

# Xavier Cho

E : [cho.xavier.12@gmail.com](mailto:cho.xavier.12@gmail.com) | T : +1 (720) 480-1782 | [LinkedIn](#) | [Website](#) | [GitHub](#)

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## PROFESSIONAL SKILLS

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- Application Security
- Python
- Security Automation
- Web Application Testing
- Secure Code Reviews
- Security Operations

Coding languages: Python

Security Toolkit: Kali Linux, SEIM, SOAR, Email Gateway, Endpoint Protection, Docker, Vulnerability Scanning

## WORK EXPERIENCE

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### OpenTable. – Jr. Security Engineer

August 2021 – August 2023

- SCA: Integrated tools, reducing third-party component vulnerability identification time by 40%.
- Vulnerability Testing: Achieved a 25% reduction in high-severity vulnerabilities within six months, enhancing application resilience.
- Developed and deployed 20 new detection rules per quarter, resulting in a 25% increase in accurate threat identification and mitigation.
- Reduced incident response time by 20% through proactive alerting methodologies, ensuring 95% of incidents were addressed within SLA timeframes using our SOAR tool.
- Reviewed and verified bug bounty reports monthly, leading to an average vulnerability remediation time of 72 hours per report.
- Managed the security awareness training, garnering a consistent participant completion rating of 90% for content relevance and practical insights for engineers.
- Regularly updated documentation, resulting in a 20% reduction in workflow ambiguity and enhancing overall operational efficiency.

### General Communication Inc. – Information Security Analyst

January 2018 – August 2021

- Performed Application security assessment through static analysis with developer teams internally.
- Maintained a server that prevents GCI from paying about \$120,000 a year in audit penalties and fines.
- Improved network visibility by 120% by ingesting logs into GCI's SEIM tool.
- Manage and maintain Email Secure Gateway company wide.
- Prevent 350 malicious malware & 750,000 inbound phishing emails monthly.
- Rolled out features in our Email Secure Gateway that prevents covid-19 phishing exploits advised by the FBI.

- **Phishing Assessments:** Performed monthly tests internally that prevented costs of \$26,600 from events such as the cyberattack on Matsu and Valdez.

## RELEVANT PROJECTS

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### Dynamic Application Security Testing & The HackerOne Bug Bounty Program:

- Performed thorough code reviews and validated DAST tool reports for SCA and automated alerting.
- Empowered security tooling to engineering teams to provide secure feedback and best practices.
- Oversaw the bug bounty program, including validating and prioritizing bug reports submitted by external researchers.

### Security Orchestration Automation and Response:

- Elevated application security through the implementation of streamlined reporting via ChatOps, optimizing incident response detection and analysis for enhanced team agility.
- Implemented automated secret scanning using Truffle Hog across the organization.

### Secure Third-Party Integration:

Assessed the security of third-party libraries and services integrated into applications.

## EDUCATION

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- **Bachelor's in Computer Science.** University of Alaska Anchorage (Anchorage, AK).
- Specialized in Computer Systems Engineering
- Graduated 2018.