

Jason Paprocki

jasonpaprocki@protonmail.com | 908-917-2624 | New York, New York

Work Experience

Application Security Analyst

May 2022 – Present

Interpublic Group of Companies

- Leading IPG's first centralized container security program across hundreds of GCP/Azure/AWS accounts, establishing vulnerability management and SCA from scratch and advising teams on risk-prioritized remediation
- Engineered vulnerability scoring system beyond CVSS by incorporating business context and exploit maturity, transforming flat "critical" lists into risk-prioritized remediation queues
- Triage and remediate vulnerabilities across web applications and APIs, coordinating with development teams on prioritization and implementing fixes aligned with business risk tolerance
- Discovered 1,500 untracked websites through automated Azure DNS mining, exposing Shadow IT where teams purchased domains on personal credit cards—built ownership mapping system to bring rogue infrastructure under governance
- Consolidated 500+ repositories from 5 SAST tools into centralized Snyk platform, enabling 2 agencies to achieve ISO27001 certification through unified application security governance
- Automated 10+ hours of weekly compliance reporting using MS Fabric and Python, creating executive dashboards that provide real-time security metrics visibility across 40+ agencies
- Engineered custom WPScan API wrapper using Python and Redis hosted on AWS, integrating with ServiceNow and MS Forms to create managed DAST scanning service for 200+ sites
- Support Security Champions program through monthly presentations to executives, directors, and stakeholders on program status and strategic guidance; train developers on secure coding best practices and shift-left security principles
- Conduct application security threat modeling throughout the SDLC using various frameworks using Iriusrisk, perform secure code reviews, and evaluate ignored finding approvals for risk acceptance decisions

Security Analyst Internship

Jan 2021 – May 2022

Interpublic Group of Companies

- Contributed to key security initiatives, including SAST/DAST tool integration and strategy development, leading to a full-time role as an Associate Application Security Analyst.

Education

New Jersey Institute of Technology (NJIT) – Newark, NJ

Bachelor of Science in Information Technology

Graduated May 2022

- GPA: 3.5 / 4.0

Skills

- **Languages:** Python, PowerShell, SQL, Bash, JavaScript, Java, PHP
- **Security Tooling:** BurpSuite, Snyk, Wiz, Checkmarx, Veracode, Rapid7, Netsparker, Nmap, Nessus, Metasploit, Iriusrisk
- **Cloud & DevOps:** Docker, Azure, AWS, GCP, Entra ID, Okta

Certifications

- GIAC Penetration Tester (GPEN), GIAC Certified Web Application Defender (GWEB)