

Omar Ahmadi

Security Analyst focused on safeguarding digital assets through vulnerability assessment, protective measures and ongoing threat monitoring.

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Relevant Experience

Information Security Analyst, **PDMI** Mar 2022 - Present

- Monitored all systems in the SOC, including the SIEM and anti-virus platform. Responded to potential threats and analyzed logs to identify root cause
- Onboarded user active directory, user admin and service accounts
- Identified systems that are missing security controls and remediated issues
- Lead and facilitated company OS and endpoint security hardening
- Prepared reports from Tenable vulnerability scanner to assess health of internal, external, and web application assets
- Performed information security processes with little supervision and documented gaps in information security procedures
- Participated in security auditing with SOC1 & SOC2. Assisted the Internal Controls Analyst in gathering evidence and reports for both internal and external audits
- Assisted information security staff in transition to SOC Managed Service Provider

Product Manager, **John Wiley & Sons** April 2019 - Feb 2022

Web Developer July 2016 - April 2019

- Primary contact for Application Security Compliance regarding LMS integrations with Wiley products, coordinating with several departments within the company to meet customer needs. Familiar with FERPA, GDPR, Sarbanes-Oxley Act, PCI DSS, SOC, ISO 27001
- Wiley.com discipline sites and wileyplus.com product owner responsible for managing content for flagship products. Key player in construction of next-gen WileyPLUS and WEL web apps
- Coordinated with business & delivery heads to execute product strategy and roadmap for politybooks.com \$6M contract. Participated in negotiating contracts and developer budgets
- Architected entire revamp of politybooks production site to address critical security flaws. Implemented development and QA environments for testing.
- Migrated Polity hosting to AWS with front end in Cloudflare and backend in Pantheon
- Lead a team of developers in daily stand ups, weekly retrospective meetings, and project planning as part of the SDLC in agile development
- Ran monthly audits on site performance, accessibility, best practices and SEO
- Deployed WileyPLUS E4 courses via goLive scripts in UNIX environment and New WileyPLUS courses in Course Setup Tool
- Conducted data Analysis on reports pulled using MySQL from WileyPLUS LMS and Polity relational databases

Hedge Fund Analyst (Cryptocurrency), **Bitbull Capital** Feb 2018 – Oct 2018

- Evaluated investment opportunities, assessing short and long-term risks
- Acquired expertise in quantifying effect of world events on financial markets by monitoring business and financial news

Leadership

- Creation of Games Society – Acquired game dev skills and taught others to build in Unity
- Undergraduate Student Alliance of Computer Scientists – Competed in hackathons and improved productivity by gaining programming skills outside of the CS curriculum
- Scholars for Charity Web Design – Develop business websites in exchange for donations
- Media Chair at the Kappa Sigma Fraternity (Gamma Upsilon Chapter of New Brunswick)
- Volunteer at St. Clare's Hospital in Denville, Relay for Life participant, Military Heroes Foundation fundraiser, Walk for Diane fundraiser and participant

Skills

Programming Languages

JavaScript, C#, HTML, SQL, Java, CSS, Python, PHP

Libraries & Frameworks

React, Next.js, Gatsby, Bootstrap

Tools & Platforms

Splunk, LogRhythm, Palo Alto, Kali Linux, Wireshark, Tcpdump, KeyPass, PacketViper, Tenable, Mimecast, Okta, Git, GitHub, Netlify, WordPress, Adobe Experience Manager, JIRA, Tableau, Power BI, Google & Adobe Analytics

Selected Projects

Network Traffic Analysis

Analyze the UDP packets and ICMP response returned to host to better understand why production website became inaccessible during an incident.

Security Hardening

Conducted a security assessment to analyze an incident and explain what methods can be used to further secure the network.

SQL query filters

Examined organization data to retrieve records from different datasets and investigate potential security issues.

Education

Rutgers University New Brunswick

Bachelor of Arts in Information Technology
Computer Science Minor

Certifications

AWS Cloud Practitioner

Google Cybersecurity Professional

Interests

Soccer, cryptocurrency, gaming, hacker news, web accessibility