

# 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