

# Stephen A Jackiw

[contactme@stephenjackiw.33mail.com](mailto:contactme@stephenjackiw.33mail.com)

## SUMMARY

Dedicated and adaptable information security professional with system administration, security operations and software development experience. Thrives in dynamic environments with constantly changing information.

## EDUCATION

Purdue University – BS, Cybersecurity- Graduated Honors – GPA 3.7

Publications: *A Watchful Eye*, Hybrid Pedagogy. October 30<sup>th</sup> 2020.

Coursework: Firewalls and Network Security, Digital Forensics (Malware, Network, Device), Vulnerability Analysis and Testing, Incident Response Management, Scripting, OO-Programming

Certifications – Security+, Acting: Communication Through Performance

Pursuing - AWS Cloud Practitioner, AZ900, GCP Associate Cloud Engineer, OSCP

## CONSULTING / NON-PROFIT

February 2023 - April 2023

- Provided relief to Ukrainian refugees at the Polish border
- Communicated efficiently in a rapidly changing environment with minimal language skills

December 2022-January 2023

- Created portfolio website from scratch using ReactJS
- Obtained Security+ certification

September 2022 – November 2022

- Achieved intermediate Spanish fluency
- Maintained hostels for Camino de Santiago travelers

## PROFESSIONAL EXPERIENCE

### **Ford Motor Company**

*Cybersecurity Engineer* | May 2021 – August 2022

- Developed software solutions in Java SpringBoot, Angular 8 and MS SQL for the automated vulnerability scanning of binary files in an agile and extreme programming environment
- Normalized an SQL database and wrote SQL queries for a mission-critical system
- Worked with Jenkins Pipelines to create a blue-green deploy system, automated static code analysis and automated binary scan analysis for a CI/CD pipeline.
- Managed project backlog using Jira and Github
- Worked with AWS S3 to save data for long-term storage
- Initiated the switch from PCF to Google Cloud Platform for our entire system
- Maintained Unit and Integrations tests using JUnit(Java) and Jasmine(Angular)

*IT Security Operations Intern* | May 2020 – August 2020

- Installed Symantec's endpoint security systems on over 100 virtual machines
- Supported company-wide email filtering and spam system using Symantec's suite of tools
- Initiated a formal bug report and feature request process for an industrial control system management tool
- Evaluated alternate security solution vendors and communicated corporate requirements
- Collaborated with a team in a design thinking methodology workshop to create a prototype to improve internal Ford-Intern communication for a fully digital workplace

*Vehicle and Mobile Security Intern* | May 2019 – August 2019

- Completed and supported 100+ security test cases in a staging environment
- Intercepted in-vehicle and Bluetooth low-energy communications for analysis
- Researched simulating supplier security compliance using Matlab's Simulink
- Mediated arguments to ensure a quality environment for inter-team communication
- Developed documentation for future test engineers and easier on-boarding

**Purdue University**

*Security Operations Officer* | May 2018 – Aug 2018

- Supported the spam and phishing email filtering system with over 40,000 accounts
- Handled support tickets for endpoints with malware and various account security requests
- Responded to customer questions regarding phishing and security in relation to their accounts

*Resident Assistant* | August 2018 – March 2020

- Supervised the health and safety of over 30 residents per year
- Led and developed monthly extracurricular programs and activities
- Mediated arguments and discussions between conflicting parties

**Alta Via Consulting**

*Front-end Developer* | May 2017 – Aug 2017

- Designed a visual, node-based solution for managing employee information using JavaScript, HTML and CSS
- Gathered requirements from end-users to ensure customer satisfaction

**SKILLS & TECHNOLOGIES**

Skills – Security Operations, Linux and Windows Administration, Object-Oriented Programming, Agile Development, System Administration, Database Administration, Malware Analysis, Digital Forensics, Web Vulnerabilities, Technical Writing, Argument Mediation, Presentational Speaking

Technology – Linux, Windows, Bash, Java, Python, C, C++, Kali & Parrot Linux, Groovy, Jenkins, Jira, Metasploit, Autopsy, Volatility, Burp, Wireshark, nmap

**INTERESTS & HOBBIES**

Video Game Development, (Web) Hacking, Painting, Drawing, Rock Climbing, Hiking, Acting, Directing, Film, Learning languages: Spanish (~B1), Japanese, Ukrainian (>A1)

**REFERENCES AVAILABLE ON REQUEST**