

JACKSON SAPP

317.331.2343 | jacksonsapp51@gmail.com
[linkedin.com/in/jsappsecurity/](https://www.linkedin.com/in/jsappsecurity/)
Noblesville, IN 46060

Digital Business Card:



PROFESSIONAL SUMMARY

Cybersecurity graduate & Data Analyst with a B.S. in Cybersecurity from Purdue University. Proven record of leveraging Python automation and Machine Learning / AI to solve complex security and operational challenges. Experienced in malicious DNS detection and CMDB data integrity upkeep, notably increasing workflow efficiency by 60% through custom automation.

EDUCATION

PURDUE UNIVERSITY

May 2026

- Bachelor of Science in Cybersecurity | GPA: 3.78
- Dean's List: Fall 2023, Spring 2024, Fall 2024, Spring 2025, Fall 2025, Spring 2026

CompTIA Security+

Expected July 2026

PROJECTS & RESEARCH

Undergraduate Data Science Researcher | The Data Mine

August 2025 – May 2026

- Collaborated with **Elevance Health** on Malicious DNS Request detection project
- Utilized Splunk to access historical DNS datasets for analysis and comparison with real time data
- Built a Python-based ML (AI) pipeline (xgBoost, LSTM) to classify benign vs malicious DNS traffic using Splunk Datasets

Rolling Code Encryption Security Research

January 2025 – May 2025

- Led an 8-person research team on vulnerabilities in vehicle keyless entry systems, including RF analysis and implementation
- Developed a proof-of-concept RollJam-style replay attack using RF analysis and SDR tools
- Researched and presented mitigation techniques for RollJam-style attacks

WORK EXPERIENCE

Data Analyst | Foulk Consulting

October 2025 – Present

- Implemented 45% of a year's worth of a major CMDB data reconciliation project backlog in three weeks
- Auditing and maintaining CMDB quality by executing large-scale CMDB reconciliation projects
- Designing Python-based solutions for repetitive analysis tasks, increasing efficiency by 60%
- Resolving technical support inquiries to maintain data integrity within the CMDB environment
- Handling user support inquiries through Application Lifecycle Management administration
- Building and deploying Zendesk automations to decrease time to first response by 15%
- Archiving and migrating Application Lifecycle Management projects

Store Manager (Seasonal) | Pyro-Techz Fireworks

2025 – 2026 Seasons

- Managed a team of four employees during peak seasonal operations, ensured inventory accuracy, and upheld compliance regulations for hazardous materials
- Assisting with design of website and firework video scanning application using Python

3rd Degree Black Belt Taekwondo Instructor | Fishers Elite Martial Arts

June 2020 – Present

- Designing lesson plans and coaching students age 3 – 55 towards short- and long-term performance goals

TECHNICAL SKILLS

Languages & Systems: Python (Pandas, Openpyxl, RFCat), C, SQL, VBA, Powershell, Bash | Windows, Linux (Ubuntu / Kali)

Security & Research: DNS Analysis, Splunk, IPS, IDS, RF Analysis, Software Defined Radio (SDR), Wireshark

Data & IT Ops: Assyst CMDB, Database Reconciliation, Zendesk, Machine Learning, Git / GitHub, Automation, Excel

General Skills: Documentation, Professional Communication, Incident Response, Technical Reporting, Agile methodologies