

# Jaden Lewis

## Objective

To obtain an entry-level cybersecurity analyst or security operations role where I can apply technical skills to identify vulnerabilities and help protect systems from cyber threats.

## Education

Old Dominion University - Norfolk, VA  
Bachelor of Science in Cybersecurity  
Expected Graduation: 2026

## Relevant Coursework:

Network Security, Cybersecurity Fundamentals, Computer Networking, Operating Systems, Machine Learning Applications, Information Assurance.

## Certifications

CompTIA Security+ (In Progress)  
Expected 2026

## Technical Skills

**Programming:** Python, Java

**Security Concepts:** Vulnerability Analysis, Penetration Testing, Threat Analysis

**Networking:** TCP/IP, DNS, HTTP/S, Network Protocol Analysis

**Security Tools & Methods:** Vulnerability Scanning, Security Monitoring Concepts

**Machine Learning:** Supervised Learning Models, Data Analysis

**Operating Systems:** Windows, Linux

## Technical Reports

### Phishing URL Detection Using Machine Learning

- Developed a machine learning system to classify phishing and legitimate URLs using the PhiUSIIL dataset
- Implemented models including Logistic Regression, Random Forest, Support Vector Machine, and a neural network
- Evaluated models using accuracy, precision, recall, and F1 score metrics
- Built an ensemble classifier using soft voting to improve prediction performance
- Visualized model performance using confusion matrices and evaluation metrics

### **Active Reconnaissance & Vulnerability Scanning Lab**

- Conducted vulnerability scans on test systems to identify potential security weaknesses
- Analyzed scan results and documented identified vulnerabilities
- Evaluated system configurations to understand potential security risks

### **Penetration Testing Lab (Windows Environment)**

- Performed penetration testing exercises on Windows-based systems in a controlled lab environment
- Identified system weaknesses and analyzed potential exploitation paths
- Documented findings and explained security implications of vulnerabilities

### **Addition Skills**

- Analytical Problem Solving
- Technical troubleshooting
- Security research and analysis
- Technical documentation and reporting