



# LEE ROI ANDREI D. CAYETANO



[www.credly.com/users/leeroi-andrei-cayetano](https://www.credly.com/users/leeroi-andrei-cayetano)



[www.github.com/Leewoii](https://www.github.com/Leewoii)



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Santo Tomas Batangas

## EDUCATION

### Bachelor of Information Technology

Batangas State University  
Major in Network Technology  
2021 - 2025

## CYBERSECURITY SKILLS

- **Cybersecurity & Forensics:**  
Wireshark, Autopsy, Binary Ninja, Hex Editors, OSINT tools
- **Networking & Systems:** Cisco Packet Tracer, TCP/IP, Network Traffic Analysis, RDP Investigations
- **Security Operations:** Threat monitoring, Event correlation, Incident investigation, Vulnerability assessment
- **Programming & Automation:** Python, Bash, Reverse Engineering fundamentals
- **Emerging Tech:** AI/ML applications in security, IoT integration, Secure system design

## REFERENCE

### Alexander Cathchings

President

AU-1 Blockchain Consultants

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## CAREER OBJECTIVE

Cybersecurity professional with proven expertise in real-time threat detection, incident response, and digital forensics. Skilled in monitoring security events, correlating logs, and investigating vulnerabilities to protect critical systems and data. Experienced in open-source intelligence (OSINT) investigations, network traffic analysis, and forensic techniques using tools such as Wireshark, Autopsy, and Binary Ninja. Hands-on experience gained through national cybersecurity competitions, capstone projects, and technical support roles, demonstrating both investigative ability and practical problem-solving.



## CORE STRENGTHS

- Strong analytical and investigative mindset for identifying hidden threats.
- Hands-on expertise in security monitoring, forensics, and incident response.
- Ability to translate complex technical findings into actionable reports.
- Passion for innovation in AI-driven cybersecurity solutions.



## ACHIEVEMENT PORTFOLIO

### Hack 4 Gov 2 - Top 3 Individual (Nov 2022)

- Detected and exploited vulnerabilities (SQL injection, XSS, authentication bypass).
- Performed cryptography analysis (RSA, XOR, classical ciphers).
- Conducted forensic investigations using Wireshark and Autopsy on memory dumps and network packets.
- Reverse engineered binaries with Binary Ninja to uncover obfuscation and alter behavior.

### Hack 4 Gov 3 - Top 5 Individual (Oct 2023)

- Conducted OSINT investigations: geolocated images, extracted metadata.
- Performed disk/file forensics: recovered hidden files from raw Linux ISO data using hex analysis.
- Investigated unauthorized Windows RDP access and gathered digital evidence.

### Capstone Project - Chick-n-bator (Oct-Dec 2024)

- Developed an AI-powered IoT egg incubator with automated environmental controls.
- Integrated AI-based detection systems (egg candling, humidity/temp monitoring, and sound analysis).
- Showcased ability to design and implement secure, data-driven systems with practical applications.

### MediaLikhain: Blueprint in Progress - 1st Place

- Designed an engaging UI/UX for a Capture-the-Flag platform, optimizing user experience and competitive play.



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## IT SKILL

- IT Support & Systems
- Windows & Linux  
troubleshooting, user support, system optimization
- Active Directory
- Microsoft 365
- Google Workspace
- System imaging & recovery
- Networking
- TCP/IP, DNS, DHCP, Wi-Fi  
troubleshooting, VPN setup/support
- Network traffic analysis
- Remote connectivity
- Tools & Platforms
- Ticketing systems: Zendesk
- VMware, VirtualBox, Hyper-V
- Remote support & deployment tools



## PROFESSIONAL EXPERIENCE

### Technical Support Engineer Intern

#### South Asialink Finance Corporation

Mar 2025 - May 2025

- Provided technical support for software, hardware, and network issues both on-site and remotely
- Handled Active Directory account lockouts and password resets
- Built a customized Windows-based ISO for rapid and secure deployment across employee workstations
- Assisted in onboarding by setting up computers and user accounts for new hires
- Used internal ticketing to track and resolve employee issues efficiently

### Systems Software Engineer (Contract) - Toledo, Ohio - Remote

#### AU-1 Blockchain Consultants

Jun 2025 - Oct 2025

- Custom Linux & Windows ISOs - Built Ubuntu/Debian and Windows 11 images with kiosk/UEFI support, automated provisioning, corporate policies, and deployment scripts.
- Security & Compliance - Enforced licensing, offline update verification, and shutdown logic using cryptographic trust anchors.
- Infrastructure Integration - Enabled reporting, entitlement tracking, lifecycle management, and controlled access.

### Contributing Partner - Security Engineer (OS Hardening & Secure ISO Engineering)

Oct 2025 - Present

- Implementing system-level security hardening directly into custom Debian/Ubuntu-based ISOs
- Automated configuration of SSH hardening, firewall policies (UFW), Fail2Ban, AppArmor enforcement, and kernel/sysctl protections
- Secure defaults for authentication, password policy (PAM/pwquality), sudo behavior, and file permissions
- Network hardening, module blacklisting, GRUB lockdown parameters, and systemd service restrictions
- Integration of integrity and detection tooling (AIDE, rkhunter, chkrootkit) at install time
- Designing one-shot systemd services to enforce security on first boot and remove hardening artifacts automatically
- Ensuring repeatable, auditable, and offline-friendly security baselines suitable for air-gapped or distributed environments



## CERTIFICATIONS

### Cisco Networking Basics

FEB 2024

### Cisco Introduction to Cybersecurity

OCT 2025

### IBM Introduction to Cybersecurity Essentials

OCT 2025

### IBM Introduction to Cybersecurity Careers

OCT 2025

### Google Foundations of Cybersecurity

OCT 2025

### Pre Security Certificate

DEC 2025