



LEE ROI ANDREI D. CAYETANO



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Calumpang, Marikina

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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Santo Tomas Batangas

EDUCATION

Bachelor of Information Technology

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2021 - 2025

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