



JAMES TANUWIJAYA

Computer Science Undergraduate | Cybersecurity Specialist

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SUMMARY

Highly motivated and results-oriented Computer Science undergraduate specializing in Cybersecurity with strong foundational knowledge in ethical hacking, penetration testing, digital forensics, and reverse engineering. Proven ability in assessing the security of web and mobile applications, constantly refining skills through CTF-inspired challenges. Seeking a Cybersecurity Internship to apply hands-on technical expertise and leadership skills to identify vulnerabilities and contribute to strengthening secure and resilient digital environments.

LEADERSHIP & CAMPUS INVOLVEMENT

Leader - FYP (First Year Program)

Apr 2024 - May 2025

- Mentored and guided a cohort of incoming freshman students, fostering their transition to university life and academic success.
- Organized and coordinated campus programs, workshops, and activities, enhancing engagement and student development.
- Cultivated strong teamwork, communication, and problem-solving abilities among team members and mentees, demonstrating effective leadership.
- Supervised the Computer Science Orientation Program for more than 800 new students (BINUSIAN 2028) to ensure the smooth flow of the event execution and enhance participant engagement.
- Led a team with more than 25 member for ... event ()

EXPERIENCE & PROJECTS

- Executed hands-on security assessments to identify, document, and report vulnerabilities in web and mobile applications.
- Applied knowledge of common security flaws (e.g., OWASP Top 10) to simulate real-world attacks.
- Gained proficiency in using industry-standard tools for vulnerability scanning and exploitation.
- Solved complex security challenges inspired by Capture The Flag (CTF) exercises, demonstrating continuous skill refinement and exploration of emerging threats.

EDUCATION

BINUS University Undergraduate

2023 - 2027

Bachelor of Computer Science (specialization in Cybersecurity)

Expected Graduation : 2027

Relevant Coursework : Network & Mobile Penetration Testing, Secure Programing, Computer Forensic, Reverse Engineering & Binary Exploitation.

SMAK Kalam Kudus Bandung

2020 - 2023

TECHNICAL EXPERTISE

- Security Tools & Methodologies: Nmap, Hydra, Wireshark, Burp Suite, forensic tools (Autopsy, Volatility, FTK Imager, Signature), common penetration testing frameworks.
- Areas of Focus: Ethical Hacking, Penetration Testing (Web/Mobile), Digital Forensics, Reverse Engineering.
- Programming & Scripting: Python, C++, Java, Flutter, Javascript, PHP.
- Operating Systems: Linux (Kali Linux), Windows.