SAMUEL JUNIO SAMBUAGA

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SUMMARY

Third year Informatics undergraduate student concentration in Cybersecurity. Cybersecurity-focused Informatics undergraduate with hands-on experience in digital forensics, penetration testing, and CTFs. Proven ability to assess vulnerabilities, investigate incidents, and implement risk mitigation strategies. Adept in using tools like Wireshark, MISP, Burp Suite, and Splunk.

EDUCATION

President University   **August 2023 – Present**
Informatics

- 75% Jababeka Scholarships Awardee
- Relevant Coursework : Network Security, Ethical Hacking, Digital Forensic, Security Management, Security Compliance and Audit, Web Developer, Database System.

WORK EXPERIENCE

IT Support   **Jan 2024 – Feb 2025**
Handle issue such as Network Problem, Windows problem regarding Informatics stuff   **(part-time) North Cikarang**

- Handled and resolved over 50+ technical issues related to Windows errors, networking, and software malfunctions.
- Provided day-to-day IT support for faculty and students across multiple departments.
- Diagnosed and fixed network connectivity issues, improving system stability.
- Assisted with system configurations and updates for Windows and Linux environments.

Product Development PDC (President Development Center)   **Sep 2023 – May 2024**
Program Development & Research Student   **(intern) North Cikarang**

- Organized tutoring sessions and academic support.
- Planned and ran seminars and workshops.
- Helped develop and maintain the PDC website.
- Conducted market analysis to guide program planning.

Buzzy Wizzy Game Studio   **Nov 2024 - Present**
Marketing Coordination & Business Operations   **(part-time) North Cikarang**

- Coordinated marketing team members and oversaw campaign evaluations.
- Handling Competition, bring our 1 winning Global Startup Competition
- Handled operational tasks including product preparation and external competitions.
- Collected and organized data to support business competitions and strategic decisions.

ORGANIZATION EXPERIENCE

PUDC (President University Developer Club)   **Nov 2024 - Present**
Head of Curriculum

- Led the development of learning paths in Cybersecurity, AI, and Web Development.
- Coordinated with mentors to deliver structured and effective learning programs.
- Managed Discord channels and supported interactive user engagement.
- Assisted members in resolving issues related to coding and self-learning.

External Relations, Pufa Computing   **Okt 2023 - Nov 2024**
Vice Project Manager, Social Project

- Coordinated social outreach projects under the Faculty of Computing.
- Assisted in planning and managing activities to support underprivileged communities.
- Helped lead initiatives focused on aiding homeless individuals.
- Supported collaboration between students and external partners for social impact.

Interviewer – International Accreditation (IABEE)   **Dec 2023 & Dec 2024**
   President University
- Participated as an interviewer in IABEE accreditation evaluations.
- Assessed academic programs based on international engineering standards.
- Applied strong analytical skills and attention to detail.
- Represented student perspective across two accreditation cycles.

COURSE & COMPETITION

Bug Bounty Hunting & Web Security Z Company (Course)   Issued 2024
CompFest 16 - CTF Participation (Competition)   Issued 2024
Gemastik - CTF Participation (Competition)   Issued 2024

UNIVERSITY PROJECT

Digital Forensic Daniel Vega - Client Company X - Final Project   **March 2025 - May 2025**
   Analyze the file disk image and Pcap File human trafficking case

https://drive.google.com/file/d/1umxpDHFGmqgGV2JDcww0P70rAaE6pW4L/view?usp=sharing
- Conducted forensic analysis on image files and PCAP files related to a human imprisonment case.
- Utilized technical tools and methods to investigate and uncover hidden data and password-
- Played a key role in identifying critical digital evidence that supported the case findings.
- Created a comprehensive forensic report and provided technical insights and assessments to support legal decisions.

CTF President University - Final Project   **March 2025**
   Focus Areas: OSINT, Web Exploitation, Cryptography, Forensics

https://drive.google.com/file/d/1sO7IFC8jnsYd-QU7I4FveWcwXNM85zsk/view?usp=sharing
- Investigated and solved multi-layered cybersecurity challenges simulating real-world attack scenarios.
- Applied OSINT techniques to uncover hidden information from open sources.
- Exploited web vulnerabilities to gain system insights and access protected data.
- Decrypted and analyzed ciphered data using cryptographic methods.

Security Risk Management - Final Project   **February 2025**
   Tools: Python, MISP, Plotly | Framework: NIST 800-30

https://drive.google.com/file/d/1sO7IFC8jnsYd-QU7I4FveWcwXNM85zsk/view?usp=sharing
- Built a website-based Risk Assessment Manager to analyze and visualize 30+ cybersecurity risks.
- Applied NIST 800-30 to assess threats, vulnerabilities, and controls across simulated systems.
- Integrated MISP to enrich analysis with real-world threat intelligence data.
- Created interactive dashboards using Plotly to support risk-based decision-making.

Security Audit and Compliance (SCA) - Final Project   **February 2025**
   Standards: ISO/IEC 27001

https://drive.google.com/file/d/1sO7IFC8jnsYd-QU7I4FveWcwXNM85zsk/view?usp=sharing
- Conducted a gap analysis of system controls based on ISO 27001 standards.
- Evaluated policy documentation, access controls, and data protection measures. 4 company example
- Delivered audit findings with recommended improvements for compliance readiness.

SKILLS

- Personal Skills: Leadership, Team Work, Problem Solving, Public Speaking, Project Management, Attention to Detail
- Programming: Website (HTML, CSS, JS, Node.js, React), Mobile (Java, Android Studio), Cpp, Python, SQL, NoSQL
- Security Tools: Burp Suite, NMAP, Aircrack-ng, SQLMap, Splunk, Wireshark, Maltego, Autopsy, Xss, Ghidra Etc.
- Frameworks: OWASP Top 10, NIST, OCTAVE Allegro,
- Operating Systems: Linux (Kali(gnome)), Windows
- Language: Indonesia (Native proficiency), English (Professional working proficiency) Japan (Beginner)