

BIEN RAFAEL O. MAGDAMO

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<https://rufuserver.duckdns.org/>

EDUCATION

De La Salle University Manila, Metro Manila
BS Computer Science, Major in Network and Information Security *GPA: 3.0* Sep 2021 - Present

EXPERIENCE

DLSU Computer Studies Government DLSU, Manila, Metro Manila
Research and Academics Executive Jan 2024 - Jul 2024

- Assisted in making research surveys and student-led programs for CSG activities.

DLSU Unboxd DLSU, Manila, Metro Manila
Partnerships Executive Sep 2024 - Aug 2025

- Facilitated communication with Filipino startup company founders to come as speakers for seminars.

DLSU Information and Security Organization DLSU, Manila, Metro Manila
Associative Vice President for Research Oct 2024 - Aug 2025

- Created research documentation for cybersecurity topics and lead project manager for tech talks.

MDI Novare Technologies, Inc. Bonifacio Global City, Taguig
Cloud Infrastructure and Managed Information Systems Intern Sep 2025 - Dec 2025

- Supported the department's tasks in server maintenance, cloud operations, IAM, and asset management.

SKILLS

Programming: Python, Java, C/C++, SQL, Ruby, Assembly
Networking: Switching and Routing, Subnetting, Internet of Things, VPN Management
Security: Digital Forensics, Authentication Software, Identity and Access Management
Cloud: Oracle Cloud, AWS, NAS Server, Docker, Reverse Proxy

PROJECTS

Personal Cloud & NAS Home server *Docker, ZimaOS, AWS* <https://rufuserver.duckdns.org/>
A personal project to learn the basic hands-on experience of cloud networking concepts. A centralized homelab environment designed for self-hosting, docker container deployment, and AWS/Oracle Cloud integration.

NinNC Protocol *Python, IoT* <https://github.com/BeinnerDaps/Named-In-Network-Computing>
Co-developing as a thesis project entitled; Named In-Network Computing and Data Processing Protocol for IoT (NinNC). NinNC is a prototype of a data centric network layer protocol utilizing in-network data processing and named networking framework. Presented in the ASIAN INTERNET ENGINEERING CONFERENCE 2025 as a featured conference paper

Farm Game Simulator *Java* <https://github.com/BeinnerDaps/Farm-Game-Simulator>
Developed a Java-based top-down pixel farming simulation game inspired by Stardew Valley. Utilizing Java features such as the MVC architecture for object-oriented programming, Java swing for making the GUI, and utilizing threading to simulate real-time plant growth in a virtual environment.

Recycle Bin and OneDrive Logs Parser *Python* <https://github.com/BeinnerDaps/RBODLcmd>
Co-developed a Python-based digital forensics tool that collects deleted artifacts that are both present in the OneDrive logs and Recycle Bin Metadata. This project combines Eric Zimmerman's RBCmd: Windows Recycle Bin artifact parser and Yogesh Khatri's Onedrive .odl parser.

CERTIFICATIONS

AWS Certified Cloud Practitioner Certification Amazon Web Services
Passed the AWS Cloud Practitioner CLF-C02 certification exam. June 2026