

Francine Claire T. Punzalan

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Career Objective

A self-motivated and enthusiastic Computer Engineering graduate with hands-on experience in networks, network security, cybersecurity, and programming languages such as Python, C++, and MySQL through academic and internship projects. Known for being dependable, proactive, and collaborative, with a strong work ethic and adaptability. Eager to contribute fresh ideas and leverage my skills.

Education

Mapúa University - Intramuros

Intramuros, Manila

Bachelor of Science in Computer Engineering specialized in Cybersecurity

August 2020 – October 2025

- Dean's Lister: March 2022 and November 2020 with Half Academic Scholarship

Mapúa University - Makati

Makati, Manila

Senior High School (Science, Technology, Engineering, and Mathematics Strand)

August 2018 – May 2020

Work Experience

RCG Information Technology, Inc. (Myridius)

Makati, Manila

On-the-Job Training (IT Department) – IT Intern

February 2025 – April 2025

- Automated system deployment with Microsoft Deployment Toolkit and installed project-specific applications.
- Performed remote and onsite cross-platform support for Windows and MacOS devices.
- Tracked assets and managed IT inventory.
- Supported Microsoft 365 services.
- Configured routers and switches to ensure secure and reliable network access.

Clearwaters Inc. (Amazon E-commerce)

Remote

Virtual Assistant (OffGrid Store) – Team Leader

August 2024 - December 2024

- Led a 3-person team and personally reported progress to the company owner.
- Managed orders, returns, refunds, and customer service.
- Searched for profitable products from our supplier's website then posted them on Amazon.

COCOLIFE Insurance Company

Makati, Manila

Work Immersion (IT Department) – IT Intern

January 2020 - February 2020

- Configured all newly bought laptops and desktops for centralized access and control. Served as the first point of contact for troubleshooting and IT support issues.

Projects

Computer Engineering Thesis

April 2025

Determining the Authenticity of Philippine Civet Coffee using ANN and MQ Sensors

- Developed an electronic nose system that classified whether a coffee sample is authentic Philippine civet coffee or non-authentic based on coffee aroma data.
- Used MQ Gas Sensors, ANN, and SVM. Tested on 48 samples and achieved an accuracy of 83.33%.

On-the-Job Training Project

May 2025

Door Swipe System using Python and MySQL

- Developed a Python-based door swipe system with a GUI and MySQL integration to monitor entry/exit times of an employee and calculate daily hours.
- Implemented an anti-passback mechanism that enforce valid entries/exits and prevent tailgating.

Computer Engineering Design

October 2024

Retractable Canopy for Motorcycle using C++ and ATmega328P

- Developed an automated retractable canopy for a scooter motorcycle using Arduino Uno with an ATmega328P.

Skills

Programming Languages: Python, C++, SQL

Tools and Frameworks: Visual Studio Code, Git, MySQL, Arduino IDE, Cisco Packet Tracer

Programming Concepts: Object-Oriented Programming, Machine Learning

Networks Concepts: OSI Model, TCP/IP, Switch and Router Configuration, VLAN, DHCP

Cybersecurity Concepts: Network Security, CIA Triad

Interpersonal Skills: Attention to Detail, Willingness to Learn, Adaptability, Communication, Time Management, Multitasking

Seminars

- Unlocking the Power of AI in Image Processing
- Demystifying MLOps: Data Science meets DevOps

Certificates

- Test of English for International Communication (TOEIC)
- CCNAv7: Introduction to Networks
- Introduction to Cybersecurity
- Introduction to Cloud Computing
- Network Security
- Cybersecurity Essentials