

RONALD CRISTIAN C. DAYUTA

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<https://ronalddayuta.github.io/Arsi-Portfolio/portfolio/index.html>

To leverage my passion for hardware and software and my strong technical skills in order to contribute to a dynamic and innovative team. Seeking a position where I can apply my expertise in hardware engineering and software development to design, optimize, and integrate cutting-edge solutions, while continuously expanding my knowledge and staying at the forefront of technological advancements.

EDUCATION

Pamantasan ng Lungsod ng Muntinlupa **July 2025 – Present**

Master of Science in Information Technology

- Specializes in software development, systems analysis, data management, and project management.
- Enhances analytical, critical thinking, and problem-solving capabilities.
- Covers advanced topics in information systems management, network administration, and software engineering.

Pamantasan ng Lungsod ng Muntinlupa **September 2021 – July 2025**

Bachelor of Science in Information Technology

- Focuses on the study of computing systems, software development, and IT infrastructure.
- Covers core areas such as programming, database management, networking, and web development.
- Equips students with problem-solving and system analysis skills for designing and implementing technology-driven solutions.
- Includes practical applications through projects, research, and hands-on training in various IT disciplines.

Muntinlupa National High School **June 2019 - July 2021**
Tunasan Annex

Information and Communication Technology

- Provides skills in computer system servicing, including hardware repair and software installation.
- Covers basic networking concepts, such as setting up wired and wireless networks.
- Prepares students for troubleshooting and maintaining ICT systems.

AREA OF EXPERTISE

Hardware Development and Maintenance

- Skilled in circuit design, troubleshooting, and Arduino-based projects and M5 Stacks Projects.
- Proficient in microcontroller programming and robotics.

Software Development

- Proficient in C, C++, C#, Java, PHP, VB.Net, and JavaScript.
- Knowledgeable with Python and Micro python.
- Experienced in Android app development, system analysis, and debugging.
- Skillfully using Git Version Control
- AI Integration and Machine Learning

Web and Backend Development

- Proficient in PHP, SQL, and database management.
- Knowledgeable in HTML, CSS, JavaScript, Bootstrap, and frameworks like React, Node.js, and Electron.

Networking

- Experienced in networking, cabling, and network topologies.
- Knowledgeable in communication systems.

Leadership

- Strong teamwork, leadership, and project management skills.

Cybersecurity & Ethical Hacking

- Ethical hacking
- SQL Injection (a type of cyber-attack technique)
- Steganography (hiding information in images, text, etc.)
- Penetration Testing (Pen Testing)
- Kali Linux (widely used for penetration testing and security auditing)
- CyberChef (a tool for analyzing and transforming data)
- Digital Forensics (investigating cybercrimes and security incidents)

Cloud Security

- AWS Cloud Computing & Security (securing cloud environments, IAM roles, encryption, and compliance)

Zebra Technologies

- Experienced in operating Zebra Technologies hardware.
- Skilled in customizing software and applications for Zebra Technologies devices.

BarTender Software

- Experienced in using BarTender software.
- Skilled in customizing software and applications for integrating BarTender Software.

PROFESSIONAL EXPERIENCE

Newton Scanning System, Inc. (Junior Programmer)

March 2025 - Present

- Involved in the development of customized systems tailored for Zebra Technologies
- Assisted in designing software solutions that integrate with Zebra hardware
- Contributed to system testing, debugging, and feature enhancements

Scot Law Firm and Associates - (OJT)

February 2025 - May 2025

- Led the development and deployment of a full-stack web application
- Managed the entire project lifecycle from planning to deployment
- Handled both front-end and back-end development
- Implemented user authentication and database integration
- Deployed the system to a live server for client use

Tech Solution Devs – Founder & Developer

September 2024 - Present

- Established and led a formal development group to provide advanced technical solutions.
- Managed and executed projects in software development, robotics, and IoT.
- Built a reputation for delivering quality work on time.

Freelance Programmer (Unnamed Group)

June 2022 - September 2024

- Delivered custom software and hardware solutions for various clients.
- Specialized in web, mobile, and Arduino-based projects.
- Collaborated with team members to complete projects efficiently.

CERTIFICATION

Certificate of Completion

Scot Law Firm and Associates, 2025

- 500 Hours Internship Program

Certificate of Completion

Cyber Battalion, Army Signal Regiment, Philippine Army, 2025

- 5 - Day Cyber Security Training

Certificate of Participation

Philippine Army Cyber Defense Exercise TRON 2025 Fort Bonifacio, 2025

- Cyber Security Strengthening and Awareness

Certificate of Appreciation

Comelec Muntinlupa (DESO TSS TRAINING), 2025

- DESOTECH SUPPORT STAFF TRAINING

Certificate of Participation

Colegio De Muntinlupa (Erovoutika), 2024

- E-Robot V1 Robotics Training and Competition.

Certificate of Recognition for Technical Support Participation

PLMun CITCS Cross-Devs Society, 2023

- Fourth Magisterial Lecture.

Certificate of Recognition for Remarkable Achievement

Dapat Alam Mo (GTV, GMA Network), 2023

- For developing the Arduino-Based Fire Alarm with SMS Alert System using a Smoke Sensor (Mobile Smart Smoke Alarm).

ADDITIONAL INFORMATION

- **Languages:** English, and Filipino.