



RAFAEL ENRICO GAÑO AMBROCIO


COLLEGE STUDENT


<https://guira8965.github.io/Portfolio/>

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ABOUT ME

A college freshman pursuing a degree in Bachelors of Science in Computer Science.
Aspires to be a DevOps Engineer in the future; loves to optimize and monitor the performance of a computer and software system.

EDUCATION

University of the Cordilleras

2024-Current | Bachelor of Science in Computer Science

University of the Cordilleras

2022-2024 | TVL - Information Communication Technology

- GPA: 3.8
- Graduated with Honors
- Member of the Robotics Club
- Information and Communication Technology
- Participated in the NCIII Web Development Assessment by TESDA.

SOFT SKILLS

- **Time Management:** Through prioritizing tasks in accordance to their importance and deadlines.
- **Self-motivation:** Through discipline and perseverance.
- **Ability to work under pressure**
- **Teamwork**
- **Flexibility**

HARD SKILLS

Programming Languages: C#, Java

Game Development: Unity, Blender

Web Development: HTML, CSS, JavaScript, PHP, Apache Server (via XAMPP)

Virtualization: VirtualBox, KVM (e.g., QEMU)

Operating Systems: Linux (Arch, Ubuntu, Debian, Manjaro, Pop!_OS, Fedora)

Hardware: Arduino

Cloud and Networking:

- Configured a home server using Tailscale for VPN-based private networking.
- Utilized Samba for cross-platform cloud storage and file sharing.
- Deployed Sunshine for low-latency game and media streaming.

CERTIFICATION & TRAININGS

- **3rd Runner-up - 1st Mech Mayhem: Baguio SUMOBOT Competition**
 - July 5, 2024
 - Baguio City Convention Center
- **Certificate of Participation - 2024 DOST CAR Regional Roadshow: National Cybersecurity Plan 2024-2029 (NCSP 2023-2028) Information Session**
 - June 20, 2024
 - University of the Philippines Baguio
- **Certificate of Participation - 2024 DOST CAR Regional Roadshow: Combatting Cyber Fraud In The Philippines: The Scam Watch Initiative Information Session**
 - June 20, 2024
 - University of the Philippines Baguio
- **Certificate of Membership - IS ROBOTICS Club**
 - November 21, 2023
 - University of the Cordilleras
- **Certificate of Participation - National Robotics Competition (Sumobot)**
 - Acquired in 2023
 - University of the Cordilleras
- **Participating in Workplace Communication**
 - November 9, 2023
 - E-TESDA
- **TechFactor's Robotics Seminar**
 - October 12, 2023
 - University of the Cordilleras
- **SMART Android Mobile Apps Development for Beginners**
 - February 18, 2023
 - E-TESDA
- **SMART Technopreneurship 101**
 - February 18, 2023
 - E-TESDA
- **Certificate of Participation - DOST Young Innovators Program**
 - Acquired in 2022
 - University of the Cordilleras: Innovative and Technology Transfer Office

PROJECTS

Personal Server: Cloud Streaming, Cloud Storage, and Game Hosting

- Created and deployed a Linux-based personal home server for cloud streaming, cloud storage, and game hosting.
- Configured Sunshine, which enables low-latency cloud streaming for any device.
- Utilized Tailscale to establish a private VPN network, which allows secure remote access from any location.
- Utilized Samba for cloud storage and seamless file sharing.
- Deployed a dedicated game server to host multiplayer gaming sessions.
- Implemented optimizations and automations, which some of the optimizations ensures energy efficiency without the cost of performance.