

Alrauf B. Lumenda



lumendaalrauf@gmail.com | 09709049553 | Cotabato, Ph | [raffy-119.github.io/Raffy](https://github.com/raffy-119)

WORK EXPERIENCE

Pro-Life Healthcare System Corporation

Jan. 2026 – Jul. 2026

Biomedical Engineer

Davao City/Field Based

- Performed preventive and corrective maintenance, installation, and troubleshooting of medical equipment in hospitals and healthcare facilities.
 - **Key Result:** Completed preventive maintenance and servicing of diagnostic and laboratory equipment across multiple healthcare facilities.
- Prepared service reports, preventive maintenance documentation, and technical records in compliance with company standards.
- Provided technical support, equipment demonstrations, and coordinated with healthcare professionals to minimize equipment downtime.

CaCare Association

Sept. 2025 – Present

Digital Marketing Specialist

Remote

- CaCare Association is a nonprofit California US based organization supporting caregivers through education, training, and community programs.
- Plan and create weekly content for Facebook and Instagram (posters, carousels, reels).
 - Increased engagement using Meta analytics data and optimized marketing strategies.
 - Managed content calendar and approvals using Notion.
 - Produced visuals using Canva aligned with brand identity.
- Used analytics and audience insights to develop strategies that improved reach and engagement.

MSU-IIT Microelectronics Laboratory

Jun. 2024 – Aug. 2024

Design Engineer Intern (Microelectronics)

Iligan City

- University-based microelectronics lab focused on IC design training and research using industry-standard EDA tools.
- As an IC Design Intern, applied analog and digital design principles in simulation, layout, and verification workflows.
 - **Key Results:** Designed full-custom IC layouts at transistor level using Cadence tools.
 - Performed layout verification including DRC and LVS to meet design standards.
 - Applied mixed-signal design concepts integrating analog and digital circuits.
 - Worked with tools: Cadence (Virtuoso), schematic design, and layout validation.

Southern Pro Staffing

Feb. 2022 – Dec. 2023

Recruitment Operations Analyst

Remote

- Supported recruitment operations by sourcing candidates and managing employer connections.
 - **Key Result:** Organized and screened candidate resumes to improve hiring workflow.
- Streamlined candidate sourcing and recruitment workflows through resume screening and database management
- Managed LinkedIn content and campaigns to increase company visibility and engagement with clients and candidates.

EDUCATION

University of Southern Mindanao

Bachelor of Science in Electronics Engineering

June, 2025

Kabacan, North Cotabato

- **Thesis:** Design and Development of Electronic Device for Mosquito Breeding Surveillance: A Machine Learning Approach.
- **Best in Thesis** – Innovation Category, College of Engineering In-House Review 2025.
- **Research accepted at:** 12th IEEE Symposium on Industrial Electronics and Applications (ISIEA 2025); International Conference on Artificial Intelligence, Computer, Data Sciences and Applications (ACDSA 2026).
- Consistent Honor Awardee (2020–2023).

CERTIFICATIONS, SKILLS & INTERESTS

- **Certifications:** Licensed Electronics Engineer (2026); Licensed Electronics Technician (2026).
- **Technologies:** Python; C++; CSS; JavaScript; Cadence EDA; Microcontrollers; LaTeX; Canva; AI/ML tools; Edge Impulse; TinyML.
- **Skills:** Social Media Management; Content Planning; Copywriting; Data Analysis; Recruitment Support; Research.
- **Interests:** Technology; IoT Projects; Content Creation; Community Work; Programming; AI & Automation.

SEMINARS & TRAINING ATTENDED

- Crash Course on FPGA and Digital Design Flow – MSU-IIT (May 2024)
- Facilitator – Educational Robotics Training – USM (Nov 2024)
- Role of Electronics Engineering in Civil Aviation (Air Navigation) – Sept 2024
- Cybersecurity and Data Privacy – Sept 2024
- Introduction to Verilog and FPGA Development – Oct 2024
- Microwave Communication: Fresnel Zone Link Path Calculation – Oct 2024
- Introduction to Cisco Networking (CCNA) – Oct 2024
- Basics of Semiconductor Technology – Nov 2024
- Role of Electronics Engineering in Product Development (ECE Day) – Nov 2024
- Mastering LaTeX for Technical Writing – Nov 2024
- 3D Printing Basics – Dec 2024.

CHARACTER REFERENCES

- **Engr. Maricel G. Dayaday, PhD**

Dean, College of Engineering and Information Technology

University of Southern Mindanao – Main Campus

09685704905

- **Engr. Geraldo P. Ulep, PECE**

Chairperson, Department of Electronics Engineering (DECE)

University of Southern Mindanao – Main Campus

09194883655

- **Engr. Krislyr Don C. Lacumbo, ECT**

Electronics Engineer and Electronics Technician

09553892535

- **Kate Abegail M. Echalar**

EMD Laboratory Officer

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