ALRAUF B. LUMENDA

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SUMMARY

Electronics engineering graduate with a strong foundation in engineering principles and problem-solving. Adaptable, motivated, and eager to apply technical knowledge in professional settings. Skilled in coding, teamwork, and project execution with the ability to learn quickly and take on new responsibilities.

WORK EXPERIENCE

Integrated Circuit (IC) Design Intern , MSU IIT- Microelectronics Laboratory   June 2024- August 2024
- Acquired technical knowledge in Analog and Digital Integrated Circuit (IC) Design, applying simulation and analysis tools.
- Practiced Full-Custom IC Layout design, focusing on transistor-level schematics and layout verification.
- Explored Mixed-Signal IC fundamentals, integrating both analog and digital principles in circuit design.

Part-Time Freelancer Recruiter – Southern Pro Staffing   Feb 2022- December 2023
- Built employer connections and organized candidate resumes to streamline hiring.
- Managed LinkedIn content, improving company visibility and professional engagement.
- Designed recruitment visuals and promotional materials to support branding efforts.

Social Media Manager – JIECEP USM Chapter   August 2024- June 2025
- Developed and executed digital media strategies to promote engineering events and activities.
- Created and managed technical content, graphics, and announcements for the chapter's page.
- Analyzed engagement metrics to optimize content reach and member interaction.

EDUCATION

Bachelor of Science in Electronics Engineering   August 2020- June 2025
University of Southern Mindanao

- **Thesis Title:** Design and Development of Electronic Device for Mosquito Breeding Surveillance: A Machine Learning Approach
- Awarded Best in Thesis – Innovation Category in College of Engineering In-House Review 2025
- Research accepted at the 12th IEEE Symposium on Industrial Electronics and Applications (ISIEA 2025)
- Consistent Honor Awardee (2020–2023)

ADDITIONAL INFORMATION

Technical Skills: Social Media Marketing and Management, Coding in Python, C++, CSS, and JavaScript, Cadence Software, Microcontroller Programming, LaTeX Coding, Electronics Design.
Languages: English, Filipino
Awards/Activities: Best in Thesis – Innovation Category (2025); Paper accepted at the 12th IEEE Symposium on Industrial Electronics and Applications (ISIEA 2025); Active member and Social Media Manager, JIECEP USM Chapter.