

# James Remoel F. Cubito

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## SUMMARY

Results-oriented electrical engineering graduate with strong interest in energy and renewables. An eye for quality while considering realistic expectations and limitations for projects. Utilizes critical-thinking methods when encountering engineering problems. Adjusts quickly to new environments, communicates and works well with people who share a common goal. Eager to take on new responsibilities and experiences.

## INTERNSHIP EXPERIENCE

### Plant Performance Intern

July – Oct 2025

ACEN

Ayala Triangle, Makati

- Assisted the Plant Operations Performance Team in consolidating operational data from multiple plant sites.
- Prepared and presented performance reports for management using Tableau and Excel Power Query.
- Utilized Snowflake SQL for data extraction and analysis to support reporting accuracy.
- Applied advanced MS Excel skills for data validation, trend analysis, and report automation.
- Coordinated with several solar and wind plants regarding RCA reports of issues for team analysis.
- Successfully facilitated the transition of Daily Asset Performance Report to the data management team.

### Engineering Intern

July - Aug 2024

IRAH Solutions and Service, Inc.

Quezon City

- Assisted in the designing and implementation of auxiliary and FDAS systems through AutoCAD.
- Installed wiring and electrical/electronic systems under the supervision of electricians.
- Coordinated with main office on the transfer of incomplete equipment to the site.
- Assigned to distribute allowances to fellow interns at the site.

## EDUCATION

### Pamantasan ng Lungsod ng Maynila

Intramuros, Manila

Bachelor of Science in Electrical Engineering

Graduating: 2026

- Member: PLM Junior Institute of Electrical Engineers
- Member: PLM DOST Scholars Association

## PROJECTS

### Thesis: Anaerobic Digestion of Chlorophyta Biomass Co-digested with Livestock Manure: Harnessing Biogas for Methane-Derived Electrochemical Energy Conversion in Cabuyao, Laguna

- Small-scale exploratory study on modified biomass feedstock based on algae and cattle waste for methane gas production as alternative fuel source for biogas generators

### Research Capstone: Statistical Analysis of Psychological Health and GWA of DLSU 118 STEM Students

- Conducted and analyzed a statistical correlational study of GWA and mental health of university senior high school STEM students in DLSU Manila

## SKILLS

Software/Tools:	Microsoft Office Suite (Excel, Word, Powerpoint, Teams), Google Workspace (Drive, Docs, Sheets, Slides), Windows, Linux, AutoCAD, Canva, MATLAB, Arduino, PowerWorld Simulator, DIALux evo, PowerBI, PowerQuery, Snowflake
Programming:	Working knowledge of Python, MATLAB, and SQL; Basic knowledge of C/C++
Languages:	Filipino (Native), English (Native)

## CERTIFICATIONS & AWARDS

Lean Six Sigma Yellow Belt, MF Treinamentos, 2025

Electrical Installation and Maintenance NCII, TESDA, Cert No. 2513\*\*\*\*\*3054, 2025

Photovoltaic System Installation NCII, eTESDA, 2025

Merit Scholar, DOST-Science Education Institute, 2020