Arvin P. Merjilla

REGISTERED ELECTRICAL ENGINEER · REGISTERED MASTER ELECTRICIAN · SOUTHERN LUZON STATE UNIVERSITY

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About Me

I am looking for a position that will allow me to put my abilities and expertise to good use. I am a dynamic and versatile professional with a strong desire to use my skills and knowledge to make an impact which will be beneficial to the organization's growth.

Skills

PROGRAMMING LANGUAGE

- Programming C · C++ · Python · Java · Visual Basic.
- Web/Media JavaScript/HTML/CSS

COMPUTER LITERATE

- Proficient in Microsoft Office Applications (Word, Excel, PowerPoint)

3D MODELLING AND RENDERING

- Proficient in 3D rendering software (AutoCAD, Blender, Sketch UP)

Training

TSSLI — Lucena, Quezon
TESDA NCII – ELECTRICAL INSTALLATION AND MAINTENANCE PASSER — *October 2020*

- Participate in workplace communication
- Work in a team environment
- Practice occupational and safety procedures
- Common competencies in Electrical Installations

Internship

SOUTHERN LUZON STATE UNIVERSITY — Tiaong, Quezon
ELECTRICAL INSPECTOR — *March 2022 - April 2022*

- On-site inspection and Audit Report of Administration Building and Building B.
- As Built Plan Electrical System Design

Education

SOUTHERN LUZON STATE UNIVERSITY — Lucban, Quezon
BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING — *Aug. 2018- June 2022*

MANUEL S. ENVERGA UNIVERSITY FOUNDATION CANDELARIA INC. — Candelaria, Quezon
SENIOR HIGHSCHOOL — *2016- 2018*
STEM (SCIENCE, TECHNOLOGY, ENGINEERING, AND MATHEMATICS)

LUTUCAN INTEGRATED NATIONAL HIGHSCHOOL — Sariaya, Quezon
JUNIOR HIGHSCHOOL — *2012- 2016*

STO. CRISTO ELEMENTARY SCHOOL — Sariaya, Quezon
ELEMENTARY — *2006- 2012*

Academic Affiliations

SOUTHERN LUZON STATE UNIVERSITY — Lucban, Quezon
ENGINEERING MOUNTAINERS SOCIETY

- Membership Committee Chairman — *2021-2022*

COLLEGE OF ENENGINEERING STUDENT COUNCIL

- Sports Councillor — *2019-2020*

Thesis

SMART DELTA CONNECTED LOAD BALANCING SYSTEM
The device automatically assigns the incoming loads to the phase with the lowest current to improve the power quality of a three-phase delta electrical system due to unbalanced loading to individual phases. The technology incorporates C++ for hardware control and Python for machine learning technology in loading classification of loads.