



Engr. Alfonso Raphael J. Rosales, ECT

ELECTRONICS ENGINEER | ELECTRONICS TECHNICIAN



Block 6, Lot 22, Primavera Homes, Brgy. Darasa, Tanauan City, Batangas



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EDUCATIONAL BACKGROUND

TERTIARY

De La Salle Lipa
Bachelor of Science in Electronics Engineering
1962 J.P. Laurel National Highway, Lipa City, Batangas
2013 – 2019

SECONDARY

La Consolacion College Tanauan
A. Mabini Ave., Tanauan City, Batangas
2009 – 2013

PRIMARY

St. Peter Academy
Landmark Subdivision, Parian, Calamba City, Laguna
2001 – 2009

SEMINARS & TRAININGS

INTERNSHIP TRAINING: HOME-LIPA CABLE INC.

Villa Lourdes Subd., Lipa City, Batangas
February – April 2019

EXPLORING THE WORLD OF BIOMEDICAL ENGINEERING AND HEALTHCARE

De La Salle Lipa, Lipa City, Batangas
October 19, 2018

DIGITAL TERRESTRIAL TELEVISION

BROADCASTING MIGRATION
De La Salle Lipa, Lipa City, Batangas
September 26, 2018

REAL WORLD OF OPERATIONAL AMPLIFIER

De La Salle Lipa, Lipa City, Batangas
September 12, 2018

INTERNET OF THINGS (IOT) WITH ARTIFICIAL INTELLIGENCE (AI) SEMINAR

CAP Bldg., Ayala Hwy, Lipa City, Batangas
September 01, 2017

GRAPHICAL USER INTERFACE AND ARDUINO TRAINING

De La Salle Lipa, Lipa City, Batangas
May 20, 2017

SKILLS & ABILITIES

As an Electronics Engineer, I am certain of my basic knowledge and skills regarding:

• PROGRAMMING AND ELECTRONICS DESIGN

- MATLAB
- Python
- Arduino IDE
- CISCO Packet Tracer (Network Simulation Tool)
- PCB Wizard
- NI Multisim (Electronic Schematic Capture & Simulation Program)
- Fritzing
- Alterra Quartus II (SOPC Design Software)
- Tanner EDA Tools (Analog & Mixed Signal IC Design Tool)

• COMPUTER-AIDED DESIGN

- AutoCAD®
- SketchUp (3D Modelling Program)
- Adobe Photoshop
- BricsCAD®

• COMPUTER LITERACY

- Microsoft Office (specifically: Word, Excel, PowerPoint)

AWARDS & CERTIFICATIONS

• ELECTRONICS ENGINEER BOARD PASSER

October 2019

• ELECTRONICS TECHNICIAN BOARD PASSER

October 2019

• PROJECT STUDY (“SORTOMATO: INTELLIGENT TOMATO SORTING MACHINE USING DEEP TRANSFER LEARNING”)

AWARDS:

- 5TH BEST PROJECT STUDY
- 2ND BEST DOCUMENTATION
- 2ND BEST ORAL PRESENTATION

WORK EXPERIENCES

- **FIBERHOME TELECOMMUNICATION TECHNOLOGIES CO., LTD.**

Survey Engineer

(February 2020 – June 2020)

- Conducting surveys for Designated Sites/NAP Locations (PLDT PROJECT (FTTH SONA)-NCR REGION)
- Keymapping/Digitalizing of Sites (thru Google Earth/AutoCAD)

OSP (Outside-Plant) Design Engineer

(June 2020 – March 2021)

- LLD (Low-Level Design) of Sites (PLDT PROJECT (FTTH SONA)-NCR REGION)
 - Growth Sites
 - XCC/Fiberization Sites
 - Add-NAP Sites
- As-Plan Documentations of Designs
 - BOQ (Bill of Quantity) of materials
 - RTA (Request-to-Attach) documentations
 - AWD (Actual Work Done) documentations

- **HUAWEI TECHNOLOGIES INC.**

Survey Engineer

(March 2021 – June 2021)

- Conducting surveys for Designated Sites/NAP Locations/RTA documentations (GLOBE PROJECT-NCR REGION)
- Keymapping of Sites (thru Google Earth/AutoCAD)
- NAP details summary of surveyed sites

Design Engineer

(June 2021 – September 2021)

- LLD (Low-Level Design) of Sites (GLOBE PROJECT –NCR REGION)
 - WOW 2019 sites, WOW EXT. sites, OVERLAY 2020 & 2021 sites, MILO 2020 & 2021 sites
- HLD (High-Level Design) of Sites (GLOBE PROJECT –NCR REGION)
 - WOW 2019 sites, WOW EXT. sites, OVERLAY 2020 & 2021 sites, MILO 2020 & 2021 sites
- As-Plan Documentations of Designs
 - BOQ (Bill of Quantity) of materials
 - RTA (Request-to-Attach) documentations
 - Splicing Details
 - Single Line Diagrams
 - Fiber Termination Plans/Fiber Core Assignments
- As-Built Documentations of Designs
 - BOQ (Bill of Quantity) of materials
 - Splicing Details
 - Single Line Diagrams
 - Fiber Termination Plans/Fiber Core Assignments

OSPMS (Outside-Plant Management System) Uploader

(September 2021 – March 2022)

- Uploading of AFI'd Plans (GLOBE PROJECT –NCR/NLZ REGION)
- Uploading of Red-line Plans (GLOBE PROJECT –NCR/NLZ REGION)
- UAT (User Acceptance Test) reporting of uploaded plans

- **YOFC INTERNATIONAL (PHILS.) INC.**

Survey & Design Engineer

(April 2022 – January 2024)

- Conducting surveys for Designated Sites of CEF/Hub-sites/Access Backbone (DITO PROJECT-SLZ REGION)
- Keymapping/Digitalizing of Sites (thru Google Earth/AutoCAD)
- DDD (Detailed Design Drawings) of Sites (DITO PROJECT-SLZ REGION)
- As-Plan Documentations of Designs
 - BOM (Bill of Materials) documentations
 - RTA (Request-to-Attach) documentations
- Checking/Revisions of As-Built/As-Plan Documentations

I hereby certify that the foregoing information is correct to the best of my knowledge and belief.


ALFONSO RAPHAEL J. ROSALES

Applicant