

## **CHARLES IAN S. MONTEMAYOR**

Licensed Electronics Engineer

Bachelor of Science in Electrical Engineering degree

7 years work experience as Electrical Engineer in Abu Dhabi

Villa 32, Al Hattal Street, Mushrif, Abu Dhabi, UAE

Mobile No. 0503512573 / 0503517875

Email Address: [cis72877montemayor@yahoo.com](mailto:cis72877montemayor@yahoo.com)



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### **OBJECTIVE:**

- Systematic Electronics/Electrical Engineer experienced in managing electrical project lifecycle from design phase to delivery and implementation. Polished in analyzing, troubleshooting and developing solutions. Consistently delivers engineering services to meet company, customer and statutory and regulatory specifications on time and within budget.
- To accomplish a challenging and an interesting job with an opportunity for technical growth, and to occupy any position that will maximize my potential and further utilize my knowledge and capabilities for mutual benefits and advancement.

### **SKILLS:**

- Strong organizational skills, has a good oral and written communication and able to work with minimum supervision
- Presentable and well-groomed at all times, enthusiastic and result-oriented with a professional attitude and high degree of discretion dealing with confidential information
- Strong work ethics and flexibility and knows how to handle difficult customer related situations
- Knowledgeable in computer software's like Microsoft Office, AutoCAD, Autodesk Revit, ArcGIS Desktop10 and SIEMENS Spectrum 4 & 7 applications
- Knows how to read, interpret, identify AC / DC schematic diagrams and how to troubleshoot basic electrical and electronics equipment
- Proficient in High Voltage Substation Operation and Maintenance 69kV/13.8kV.
- Knowledgeable in Tactical Engagement Systems Simulation System.
- Able to perform assigned duties with attention to detail, speed, accuracy, follow-through, courtesy and cooperation
- Proficient in Electrical Design, LV cable sizing, Switchgears, Power Distribution Boards, Earthing and Lightning protection, Estimation of EPC projects, has Supervisory skills and deputized Safety Engineer
- Knowledge in Basic First Aid, Fire Fighting and Rescue techniques.

### **WORK EXPERIENCE:**

Company Name: **Romco International Company LLC (Rheinmetall Tactical Engagement System)**

Location: **Hamamah Street, Ministries Complex, Abu Dhabi**

Date: **May 25, 2021 – Present**

Job Description: **Electronics Technician**

Duties and Responsibilities:

- Performs firmware updates of all electronics equipment of soldier harness, small, medium, heavy arms laser transmitter and tanks combat tactical electronics equipment

- Performs electronics troubleshooting of soldier harness, small arms laser transmitter, medium arms laser transmitter, heavy arms laser transmitter and other associated electronics equipment
- Performs upgrade of combat tactical electronics equipment
- Performs client support by installation and activation of tactical engagement system (TES) during military exercise
- Performs preventive maintenance, upgrade and testing of all TES equipment's

Company Name: **Advanced Network Systems and Engineering Services**  
 Location: **1401 Falcon Tower, Hamdan Street, Abu Dhabi**  
 Date: **March 24, 2015 – November 30, 2020**  
 Job Description: **General Electrical Engineer**

Duties and Responsibilities:

- Performed Data Engineering (read/write script codes, query database & log files analysis)
- Performed graphical worldmap designing using Advanced Distribution Management System (ADMS) Spectrum 4 & 7
- Edited, imported and exported files thru Supervisory Control And Data Acquisition (SCADA) Spectrum 4 & 7
- Performed Energy Audit (EA) and organized EA Reports
- Performed Remote Terminal Unit (RTU) Point to Point (P2P) Testing of all Substations (SS) and Switching Stations (SWS)
- Utilized Arc Geographic Information System (GIS) Desktop 10
- Utilized RETScreen Clean Energy Management Software
- Managed Business Development of the company

Company Name: **Black Line Electromechanical Contracting Company LLC**  
 Location: **ME-09, C-11, Bldg No. 215, Mussafah, Abu Dhabi**  
 Date: **May 21, 2013 – March 17, 2015**  
 Job Description: **General Electrical Engineer**

Duties and Responsibilities:

- Created electrical design as per project BOQ's of Electrical and Extra Low Voltage (ELV) Systems like Structured Cabling (Telephone & Data), Satellite Master Antenna Television (SMATV), Public Address (PA), Access Control (AC), Gate Barrier (GB) and Fire Fighting Alarm System
- Relayed inquiries to suppliers for quotation of Light Fittings, Switches, Sockets, Switchgears, Cables and Wires, PVC pipes, GI boxes, and ELV systems
- Prepared Project Cost Estimates based on BOQ of Electrical and ELV systems
- Developed design reports and specifications for Electrical and ELV systems
- Provided designed solution for Electrical and ELV systems
- Attended and participated in site meetings like Factory Acceptance Test (FAT) and Site Acceptance Test (SAT) of Electrical and ELV systems.
- Provided regular work status updates to Project Manager including identified Risks to ensure that Health, Safety and Environmental (HSE) policies in site works are implemented
- Performed required Electrical and ELV documents for project review and progress

Company Name: **National Transmission Corporation (TransCo) / National Grid Corporation of the Philippines (NGCP)**  
Location: **Cauayan City, Isabela, Philippines**  
Date: **April 1, 2003 – March 12, 2013**  
Job Description: **Substation Engineer, 69kV/13.8kV Substation**

Duties and Responsibilities:

- Conducted hourly inspection of all substation equipment's and all gauges and meters:  
Power Transformers, Disconnect Switches, Voltage Regulators, Meters, Relay and Control Circuits, Instrument Transformers, Reactors, Busses and Structures, Lightning Arresters, Power Circuit Breakers, Power Cables, and AC / DC Systems
- Coordinated and implemented operating orders and/or switching procedures for: Load shedding, Substation equipment and Line testing, Power interruption, Local load dispatching, Synchronization
- Implemented and supervised Substation Preventive Maintenance Activities (PMA) at assigned substation
- Supervised work in the Implementation of Annual Preventive Maintenance and Testing (APMT) and Corrective Maintenance Activity (CMA)
- Reviewed and evaluated log entries of power facilities status at the assigned substation
- Organized, prepared and transmitted Daily, Monthly substation operation and maintenance Integrated Management System (IMS) reports thru available communication facilities
- Performed corrective maintenance of all substation emergency work
- Performed root cause analysis of all substation power interruptions

Company Name: **Mitsumi Philippines Ltd. Inc.**  
Location: **Mariveles, Bataan, Philippines**  
Date: **February 7, 2002 – August 1, 2002**  
Job Description: **Junior Engineer**

Duties and Responsibilities:

- Operation of the manufacturing and assembly of of CDR-W Drives production line.
- Conducts technical inspection of all machines and equipment from PBC fabrication to QAQC final product production.
- Conducts troubleshooting and installation of all software programs and hardware of production machines and equipment's.
- Maintains all machines and equipment are working properly and smoothly.

**EDUCATION:**

Tertiary: **Bachelor of Science in Electrical Engineering**  
**Patria Sable Corpus College**  
**Santiago City, Philippines**  
**Year: 2003 – 2008**

**Bachelor of Science in Electronics and Communications Engineering**  
**Saint Louis University**  
**Baguio City, Philippines**  
**Year: 1994 – 2000**

**GOVERNMENT ELIGIBILITY:**

Type of Examination: **Board of Electronics and Communications Engineering**  
Date of Examination: **April 2–3, 2001**  
Place of Examination: **Baguio City, Philippines**  
Rating: **Pass**

**UAE MINISTRY OF EDUCATION EQUIVALENCY:**

Document Number: **201919477-1179009**  
Verification Number: **273251**  
Certificate Name: **Bachelor of Science in Electronics and Communications Engineering**  
Academic Institution: **Saint Louis University**

**PROFESSIONAL AFFILIATION:**

Name of Affiliation: **Institute of Electronics Engineers of the Philippines (IECEP)**  
Status of Membership: **Active Member since 17 May 2001**  
Current IECEP Chapter: **IECEP UAE**

**I hereby certify that the above information is true and correct according to the best of my knowledge.**

**CHARLES IAN S. MONTEMAYOR**  
Applicant