** Paul**

**Email :** **paul.379437@2freemail.com**

**Visa Status : Visit Visa**

**CAREER OBJECTIVE**

To obtain a position that enables me to work and profit from practical work, fulfills my personal ambitions and enhances my knowledge in the field of electrical engineering.

**EDUCATION**

College: Bachelor of Science in Electrical Engineering

Mindanao State University Main Campus, Philippines A.Y. 2008-2014

**Licensed Electrical Engineer in the Philippines**

**WORKING EXPERIENCE**

**Electrical Design Engineer January 12, 2015 – Jun e 2, 2017 NKC Conveyors Philippines Corporation Cebu City, Philippines**

**Specialization: Engineering Services (Design and Manufacturing)**

**Role: Design and Create Automatic Control for Conveyors Job Responsibility:**

* Design field devices (electrical and mechanical) layout drawings using AutoCAD.
* Design control panel, control box, operation box and terminal box fabrication drawings and wiring diagrams.
* Create PLC program using Omron, Mitsubishi, Toyota and Schneider computer software.
* Design HMI and touch panel screens to use in SCADA.
* Testing and commissioning of electrical units and devices.
* Setup chart and drawings for parameters (sequencer, inverter, servo motor)
* Design pre-wiring drawings, cable fabrication drawings and wiring diagrams.
* Design circuit drawings (motor circuit, control circuit and relay circuit), wiring and installation.
* Design installation drawings for site people in installation and maintenance.
* Performed calculations like cable penetration sizing and cable length estimation.
* Review, analyze and prepare request for quotation (customer’s specification).
* Estimate total hours to fabricate control units and design electrical units.
* Prepare basic specifications for electrical units.
* Configuration specifications for control units/devices.
* Prepare parts lists and operation specifications.
* Prepare and check materials to control panels, control box, electrical devices and parts, nameplates.
* Prepare and check installation materials such as cable tray, connector and electric wire cables.
* Prepare instructions or training manuals for the customer.

**Electrical Engineer Intern April 3, 2013 – May 31, 2013**

**Agusan del Norte Electric Cooperative, Inc.**

**Butuan City, Philippines**

**Specialization: Electrical Distribution Utility**

**Role: Electrical Engineer**

**Job Responsibility:**

* Assist senior engineers in master plan studies, analyses, design and construction specifically related to electrical systems for power distribution and applications.
* Provide planning and analytic services to consumers in the electric utility industry.
* Prepare specifications for the operation and maintenance of the electrical distribution system and substations.
* Testing and commissioning of electrical equipment including switchgear, high voltage breakers, transformers, protection systems and generation control equipment.
* Implements and updates computerized mapping of electrical distribution system and inventory.
* Develops system modeling and calculations including short-circuit, arc-flash, load flow, grounding and lightning protection.
* Designs and implements a real time computerized supervisory control and data acquisition (SCADA) system for electrical distribution system and substation. .
* Prepare and check of construction documents packages including required specifications and drawings.
* Contact electrician if needed especially when power supply goes down.

**TECHNICAL TRAININGS**

Certificate of training for the course *“Mechatronics Servicing NC II”*

Technical Education and Skills Development Authority (TESDA)

Lahug, Cebu City

November – December 2014

Skills:

* Perform mensuration, calculation and computer operations.
* Prepare and interpret technical drawings.
* Terminate and connect electrical wiring and electronic circuits.
* Install, configure and test mechatronic devices.

Certificate of training for the course *“ELECTRICAL INSTALLATION* *AND* *MAINTENANCE NC II”* Technical Education and Skills Development Authority (TESDA) Butuan City Manpower Training Center

November – December 2017

Skills:

* Prepare construction materials, electrical power and hydraulic tools.
* Install wiring devices for floor and ground fault current interrupting outlets.
* Install electrical protection system for lighting and grounding.
* Install electrical lighting systems on auxiliary outlets and lighting fixtures.

**COMPUTER AIDED SOFTWARE ENGINEERING SKILLS**

MS Office (MS word,Excel, Powerpoint)

Autodesk AutoCAD

C++, Assembly Language Progamming

PSPICE, MultiSIM, PCB Wizard

Trilogy/ ladder logic for PLC programming

MATLAB/Mathworks

Microcontroller design and programming using Proteus and Keil uVision Festo Fluidsim for pneumatics design

Power World Simulator GSO for Electrical power system

**TRANSFERABLE SKILLS**

Knowledge in electrical wiring and electronics circuit installation

Knowledge in computer software and hardware installation and troubleshooting

Strong analytical and problem solving skills

Goal setting and planning

Research report and writing

Facilitate and lead group tasks

Time management

Proficiency in written and verbal communication Organizational skills

**PERSONAL INFORMATION**

Date of Birth : August 2, 1991

Nationality : Filipino

Civil Status : Single

Religion : Christianity

Language : English, Tagalog, Bisaya

**REFERENCES:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Are Available upon request.**

**I hereby confirm that the above information are true & correct.**

**PAUL**