

Francis Stephen Garcia Dawa

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CAREER OBJECTIVE

Seeking a dynamic and challenging role in a reputable organization to utilize and further enhance my skills, knowledge, and experience. My goal is to leverage my exceptional interpersonal skills and passion for customer satisfaction to help the company achieve its objectives and exceed customer expectations.

WORK EXPERIENCE

Failure Analysis Technician/Data server

October 18, 2019 – Present

Wistron Infocomm

Manufacturing / Assembly of Data Rack Server

Vlastimila Pecha 10, 627 00 Brno-Černovice Czech Republic

- Analyze, Test and Repair some parts of the motherboards, components and its peripherals that encountered failures from the test rack server.
- Assembly and disassembly of server box before and after the analysis and repair.
- Check all firmware, software and hardware to see if it is correct according to customer requirements and specifications.
- Check visually all main parts or Hardware of a computer server if they are in good condition, PSU DIMMs CPUs SSDs HDDs Fans FPGAs NICs etc.
- Check the motherboard visually for all the hardware slots, ports and all the components if there is damage.
- Test the server on the rack if able to connect on the network and start online testing.
- Make a report and remarks for every repaired and analyzed material according to the result if passed or failed.

Electrical Engineer I/Packaging Machine

April 2010 – April 2012 and July 2013 – May 2018

LEEPACK CO.

Manufacturing of Packaging Machine

27, Gajaeul-ro Seo-gu Incheon City 22828 South Korea

- Electrical assembler of rotary packaging machine, filling machine, sealer, and conveyor for pouches and bags and products such as grains, liquids, powders, sauces and confectionery etc.
- Packaging machine assembly (Electrical), Cable wire setting and installation (Machine cable wire dressing) Sensors, Motors, Servo Motors all parts of machine with electrical connections Input and Output, Including air supply pneumatics (SMC and Festo).
- Cable wire harnessing and installation from outside of the packaging machine going to the control box/control panel by following the standard procedures of the company.
- Cable joint and setting to the terminals, boards, drives and CPUs in the control box /control panel.
- Air hose setting from air valve to designated position and station for air supply of pneumatic parts of the machine.

- After setting all the electrical connections outside the machine and inside the control box/control panel the machine will undergo a test for machine power on using a multi tester. Testing all the connections and electrical supplies (AC and DC, output and input).
- Able to read electrical and electronics schematic diagrams, mechanical designs and measurements.
- Know how to use measuring tools and micrometers.
- Know how to use multi-tester, ampere meter and other testing tools.
- Knowledgeable to assembly of control box/control panel of the machine and its parts such as switches, relays, drives, magnetic contactors and PLC's by following the schematic diagram and standard procedures of the company.
- Maintain and observe Safety and cleanliness inside the company and during work hours.

CNC Operator / Setter

March 2006 – April 2010

SH-Technics

Manufacturing of aluminum tubes for heavy equipment

178-305 Woorim Technoville Gajwa Dong Seo-gu Incheon South Korea

- CNC and MCT operator setter Fanuc controls Doosan machines (Mynx 400,500,650. Puma 400 turning.) conventional lathe and milling machines.
- CNC and MCT machining, aluminum fabrication for heavy equipment machinery trucks and trailers etc.
- Setting the machine tools by following the customer's specifications, measurements according to the design or diagram.
- Measuring the material after the set up using micrometers and calipers.
- Operating CNC machines such as machine centers, 3-axis, lathe and milling conventional.
- Using SMAW welding to repair jigs, brackets and fixtures.
- Able to use micrometers such as caliper, bore etc.
- Able to read drawings and diagrams such as depth, width, length and height etc.
- Operates CNC machine and randomly checks the measurement of the finished product according to its specifications.
- Preparing all the tools, jigs and fixtures to use before setting up the machine according to product specifications.
- Checking all the tools and jigs to be used according to the drawing and measurements and its condition.
- Check oil and water coolant before and during the operation of the machine to avoid product rejection.
- Checking the tools condition of the running machines from time to time to avoid product rejection and broken tools.
- Maintain and observe Safety inside the company and during work hours.
- Clean the work area before and after work.

TECHNICIAN II/FRONTLINE DIE BONDER SEMICONDUCTOR

March 2002 – February 2006

Amkor Technology Philippines

Special Economic Zone Muntinlupa City Philippines 1771

Semiconductor / wafer fabrication / Manufacturing

- Frontline Technician of Die Bonding machine
- Monitor the status of every machine from time to time.
- Repair minor and major problems of the machine.
- Machine set up/conversion according to product specification and customer's request.

- Buy off or check the product after setting up using a microscope, checking the position, thickness and parameters according to layout or drawing and products specifications.
- Observe Monthly Preventive Maintenance of the machine for its running condition to ensure the smooth running and quality product output.
- Observe working in a clean room area and use the right tools for the right work to avoid product rejection and machine failures.
- Observe Safety and Cleanliness inside the company and during work hours.
- Observe all the machines that are running and randomly check the output product after set-up to avoid product rejection.

OJT / TECHNICIAN

January 2000 – April 2001

Amkor Technology Philippines

Philippines

Semiconductor / wafer fabrication / Manufacturing

- Frontline Technician of Die Bonding machine.
- Monitor the status of every machine.
- Repair minor problems with the machine.
- Assisting Senior Technician.
- Observe company policy.
- Maintain cleanliness and observe safety.
- Follow orders and rules inside the company premises.
- Assisting machine operator.

EDUCATION

College Graduate

Technological University of The Philippines

Diploma in Electronics Engineering Technology