

# JHON ANTHONY GUERRA

## Technician

Highly skilled and detail-oriented Semiconductor Manufacturing Technician with over 5 years of hands-on experience in troubleshooting, repairing, assembly, automation, diagnostic, calibration, and maintaining complex electronic systems. Proficient in using modern tools and equipment for diagnostics. Hardworking efficient and capable of handling multiple tasks in a fast-paced environment. I'm pursuing a successful career in the offshore or manufacturing industry that will provide me with an opportunity to succeed, but also allow me to help their company grow.

## Work History

2023-10 -  
Current

### Etching Engineering Department - Technician

*Powerchip Semiconductor Manufacturing Corporation, Hsinchu City, Taiwan*

- Scheduled and performed preventive maintenance on Metal Etcher: **AMAT Centura II 5202**, Oxide Etcher: **TEL Unity2-855DD**, **TEL Unity2-855DP**, Poly Etcher: **LAM9400**, **HITACHI M612AE** and Plasma Etcher: **TOK-TCE-7822**.
- Documentation of performed maintenance and error investigations.
- Review specs to ensure tool maintenance is performed properly.
- Provide technical support for troubleshooting, installations, diagnostics, adjustments, modifications, repairs, and calibration per specifications, blueprints, manuals, drawings, and written or verbal instructions from engineers.
- We performed electrical, mechanical, and software troubleshooting and cable assemblies.
- We performed fault investigation and equipment modifications as directed by manufacturing or equipment engineers.

## Contact

### Address

Hsinchu County, Taiwan 308

### Phone

0976056834

### E-mail

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## Skills

Blueprint Interpretation  
Experienced



Troubleshooting Expert



Equipment Maintenance  
Expert



Diagnostic Skills  
Experienced



Calibration Experienced



Testing and Evaluation  
Experienced



Safety Awareness Expert



2021-12 -  
2023-10

## Diffusion Engineering Department- Technician

*Powerchip Semiconductor Manufacturing Corporation, Hsinchu City, Taiwan*

- Execute regular maintenance on Ion Implanter Machines: **Varian EHP500, VIISion 80, Sumitomo Eaton Nova NV-GSD-HE, Sumitomo Eaton Nova NV-GSD-LE, AXCELIS GSD-VHE.**
- Remove and replace defective parts
- Maintain a clean and safe work environment, both for machines and the workplace.
- Analyzing equipment performance and enhancing reliability.
- Enhancing tool availability while minimizing machine faults.
- Identifying and mitigating the source of scrap.
- Assisting in personnel development initiatives.
- Enforcing a zero-defect manufacturing process.

2018-12 -  
2021-12

## New Product Development Department- Technician

*Allied Circuit Co. Ltd., Taoyuan City, Taiwan*

- Execute regular maintenance on **Schmoll Multi-X Axis Series** and **Tong-Tai CNC drill** machines to ensure precision and accuracy.
- Proficient in reading and comprehending blueprints.
- Competently operate and configure machines for repetitive machining tasks.
- Verify and ensure proper machine setup, functionality, and the production of high-quality items.
- Load/unload products in CNC machines and take accountability for quality inspections of finished products, ensuring they are free of defects and ready for the subsequent production phase.

2018-01 -  
2018-05

## **Quad Flat No-Lead Test- Equipment Technician**

*Texas Instrument Philippines*

- Conduct preventive, predictive, and corrective maintenance to maintain equipment at peak performance levels
- Perform diagnostic assessments and calibrations on handler **COHU-Delta Matrix**, **ADVANTEST-M4871** and test machines **ETS 364**, **TERADYNE J750**, **TERADYNE UltraFlex**, and **TERADYNE IntegraFlex**
- Execute trial runs on machines to assess their capabilities, identify malfunctions, and evaluate the quality of output.

## **Education**

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2014-06 -  
2018-06

## **Bachelor of Science in Industrial Technology**

*Cagayan State University - Cagayan Valley,  
Philippines*

Graduated Cum Laude