**Shinho Pyun**

Garland, TX 75040 | E: gotiger10@att.net | P: 972-890-8466

**PROFESSIONAL SUMMARY**

A professional with over 5 years of experience in testing devices and systems. Emphasis on tactical engagement in electrical testing processes identifying data factors involving root cause analysis and adhere to quality assurance standards. Implementing strategic development initiatives to optimize in-process applications.

**WORK EXPERIENCE**

**Celestica- Failure Analysis Technician (Contract) - Richardson, TX**   **4/2024-10/2024**

* Investigation and Data Analysis through creating Error Codes and collaboration with cross-functional teams
* Documentation for planning Corrective Action and implement the Solution
* Strategic analysis debugging software for FA Inline/Midline testing and PCB RF testing
* Conduct PCBA (Printed Circuit Board Assembly) functional testing, rework, retest and process improvements
* Conduct non-clean room and clean room disassembly/reassembly to isolate failure and recover devices

**Quest Medical - Engineering Test Technician (Contract) - Allen, TX**    **11/2022-4/2024**

* Conducted testing of medical console and cardiovascular system using medical testing apparatus and electrical testing equipment
* Performed PCBA root cause analysis and corrective action for defective products and reported the results to the engineering team.
* Tested electronics assemblies, performance and functional tests using automated and manual methods.
* Troubleshot and debugged issues using software tools and test equipment.
* Ensured quality assurance and compliance with ISO 9001:13485 and Continuous Improvement standards and procedures

**Qorvo - Manufacturing Specialist - Richardson, TX 4/2022 - 10/2022**

* Performed RF 5G device metrology using AOI Camtek, defect inspections, shear measurement, MetaPulse measurement, Step measurement, and Thermawave measurement.
* Performed root cause analysis and corrective action for defective products and reported the results to the engineering team

**Manufacturing Tech (Contract through Permanent) - Richardson, TX 2/2018 - 3/2022**

* Performed semiconductor fabrication, finish, and packaging pick-n-place processes for 5G BAW resonators and filters using mechanical or laser tools
* Strategic failure analysis for defective products, reporting faulty data factors to the engineer teams
* Operated SMT manufacturing equipment and performed pick-n-place programming for tape-and-reel

**LG Electronics – Quality Assurance Technician (Contract) – Fort Worth, TX 07/2017 – 02/2018**

* Performed root cause analysis of customer quality product for the mobile phone production line
* Supported customer claim and periodically quality meeting with customers

**SKILLS**

**Six Sigma | Critical Analysis | SMT Analysis | RF Testing | Spot Fire | Lab View | AutoCAD**

**CERTIFICATES**

**Certified Six Sigma Green Belt by ASQ: Certification Number: 24209 October in 2022**

**Certified IPC-A-610, Acceptability of Electronic Assemblies by Celestica September in 2024**

**EDUCATION**

**Master’s degree in electrical engineering (Microelectronics) 1996 - 1997**

Louisiana State University-Baton Rouge, LA