

Professional summary

Precise and efficient electronics assembler with experience in circuit board soldering, component installation, and ESD-safe practices. Strong record in small parts handling and quality inspection.

Experience

Electronics Assembly Specialist

June 2019 - Now
Tesla / Fremont, CA

- Assemble battery modules and circuit boards for electric vehicles using SMT soldering equipment.
- Conduct visual inspections and electrical testing under magnification.
- Ensure adherence to ISO 9001 standards throughout production.
- Trained in 5S practices to support workspace efficiency.

PCB Assembler

January 2017 - May 2019
Flextronics / Milpitas, CA

- Read blueprints and component maps to accurately install resistors, capacitors, and connectors.
- Maintained ESD-safe environment through proper grounding and protective gear.
- Supported rework station and repairs under microscope guidance.

Volunteering Experience

Food Bank Volunteer

November 2022 - Now
Modesto

- Assist in sorting, packaging, and distributing food to community members in need.
- Work collaboratively with other volunteers to organize food items efficiently for packaging.
- Ensure food safety guidelines are followed to maintain hygiene and safety during distribution.

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Education

Certificate in Electronic Assembly and Soldering

Silicon Valley Career Technical Education
Completed: December 2016

Certifications

- IPC-A-610 (Acceptability of Electronic Assemblies), March 2023
- Electrostatic Discharge (ESD) Awareness Certification, August 2021

Skills

Surface mount technology (SMT)	◆◆◆◆◆
Fine pitch soldering	◆◆◆◆◆
PCB layout reading	◆◆◆◆◆
ESD compliance	◆◆◆◆◆
Microscope inspection	◆◆◆◆◆
Team communication	◆◆◆◆◆

Languages

◆ Chinese (Native) ◆ French (fluent)