

Experience

Electrical Engineering Technician – Hand and Sons, *Houston, TX*

01/2020 – Present

- Industrial Control Panel Assembly Experience or an Electrical background
- Can build off schematics (electrical and mechanical)
- Building with Wires (point to point)
- Current or previous licensed electricians
- Good written, oral, and interpersonal communications skills
- PCB build and debug
- Cable assembly design and build
- Assist in integration of boards into the subsystem and system
- Troubleshooting problems after the initial integration
- Parts ordering and engineering inventory
- Product documentation and ECO process

Electrical Engineering Technician – Dickens Group, *Houston, TX*

04/2015 – 07/2019

- Organize lab space
- Experience with industrial robots (Fanuc, Staubli, UR, Wittmann, Yushin preferred)
- Exposure to Injection Molding Machines (Husky, Toshiba, Netstal, Nissei preferred)
- Good written, verbal communication
- BSEE, BSEET, or equivalent experience as a lab technician
- Experience with bring-up of new PCA designs and unit test
- Experience working with embedded electronics and control systems and CAN bus
- Participate in prototype builds and collaborating with other engineering functions
- Perform signal integrity measurements
- Experience using DMMs, Oscilloscopes, and other electrical test equipment
- Proficient hand soldering skill and SMT rework

Education

University of Missouri–Columbia – Associate in Technical

Skills

- Expert with surface mount soldering equipment including BGA, QFP, TSOP, and many other fine pitch devices
- Schematic capture and Library symbol management using Mentor Graphics
- Extensive Regulatory and agency approval activities including submittal of equipment, test plan review, and support testing for safety compliance and EMC/EMI
- Demonstrated strong written and oral communication and MS office tools
- Lifting 40lbs, bending, use of hand tools
- Comfortable with the shop/laboratory and equipment
- Able to work independently on a daily basis
- Familiar with and able to operate various imaging evaluation equipment such as collimators, imaging test equipment, target plates, etc