

ISAAC BACHICHA

Software Developer & Electrical Engineering Technician

Address - 4210 Via Arbolada Los Angeles, CA, 90042

Website - www.isaacbachicha.com

Phone - 505.259.7174

Email - isaacbachicha1@gmail.com

Resourceful Electrical Engineer Technician with a 5-year background developing new electrical systems and testing electrical equipment. Diligent and analytical professional proficient in AC/DC motor drives, high voltage devices and preliminary electrical design. Comfortable handling multiple projects simultaneously with little to no supervision. A life-long learner with an interest in Robotics, Spacecraft Systems, Software Development and Machine Learning. Currently seeking a role to expand my knowledge in an environment that requires problem-solving skills and critical thinking.

Skills

Python Programming



Flask/Selenium/Bootstrap



Object Oriented Programming



Algorithm and Data Structure Design



MySQL & MariaDB



JavaScript/HTML/CSS



Knowledge of electronic principles and ability to read schematics and component datasheets along with other forms of documentation.



Work History

2015-01 - Current

Electrical Engineering Technician & Manager

Industrial Repair Service, Los Angeles, CA

- Experience with assembling, maintaining, repairing, troubleshooting, modifying and testing various types of electronic equipment and related devices.
- Create test stands for running servo drives, AC/DC drives, PCBs, and sensors.
- Complete in-depth performance tests of parts and systems undergoing design optimization in simulated environments.
- Create, align and optimize electrical instrumentation and testing equipment.
- Evaluate installed electrical equipment and systems to isolate faults and implement corrective actions.
- Regularly operate logic and spectrum analyzers, frequency counters, oscilloscopes and other technical equipment.
- Identify root cause for failures through design review and testing.

Education

Corvallis, OR

Bachelor of Science: Computer Science

Oregon State University

Chicago, IL

Bachelor of Arts: Arts, Entertainment, & Media Management

Columbia College Chicago