



📍 Spring, TX 77386

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🌐 <https://jlb-robotics.me>

PROFESSIONAL SUMMARY

Dedicated Technician experienced in programming Universal Robots and FANUC systems, building PLC logic, utilizing SolidWorks for custom CAD design and rapid prototyping. I am a highly adaptable problem-solver and I'm eager to apply my hands-on mechanical aptitude and technical precision to your company. **Currently enrolled at Lone Star College (North Harris) My availability is (Mon-Thu 1pm-9pm) And (Fri-Sun Open)**

SKILLS

- Mig Welding and Fabrication
- Blueprint & Technical Schematic Reading
- Preventive Maintenance (PM) & Troubleshooting
- Hydraulic & Pneumatic Systems
- PLC Logic & Industrial Control Wiring
- Industrial Electronics & Soldering
- Additive Manufacturing (3D Printing)
- Microcontroller Prototyping (ESP32)

JEFFERY BAKER

EXPERIENCE

May 2023 - May 2025

Welder Communications and Power Industries

July 2022 - April 2023

General technician 1 Txdot

October 2021 - July 2022

Order Selector Dollar General Warehouse

EDUCATION

Expected in December 2026

Associate in Applied Science (A.A.S.) | Robotics - Automated Manufacturing

Lonestar College, Houston, TX

Field Service Technician I Certificate Level I (Extra)

Graduate

Sabine High School, Gladewater, TX

HOBBIES AND INTERESTS

- **Electromechanical Troubleshooting:** Extensive hands-on experience with automotive restoration and general maintenance, requiring deep mechanical and electrical system diagnosis.
- **Robotics & Programming:** Hands-on programming of Universal Robots/FANUC systems and building personal robotics projects (e.g., custom-soldered microcontrollers and custom-designed enclosures).
- **CAD & Additive Manufacturing:** Modeling hardware in SolidWorks and optimizing 3D printing profiles for engineering-grade materials.
- **Tech & AI Trends:** Continuous learning through industry literature and podcasts focused on Artificial Intelligence and neuro-technology.

RELEVANT COURSEWORK

- **Blueprint reading**
- **Electro-Hydraulics and Pneumatics**
- **Motor Controls**
- **Material Handling**
- **Industrial Electronics**
- **Robotic Fundamentals**
- **AC/DC Circuits**
- **Pumps, Compressors, & Mechanical Drives**
- **Programmable Logic Controllers**
- **Troubleshooting**