

Terrance Archer

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PROFESSIONAL SUMMARY

Dedicated construction and manufacturing professional with more than 15 years of experience in machine welding, fabrication, construction support, machine operation, production, quality inspection, material handling, and industrial environments. Currently pursuing construction-trade training through the North Alabama Homebuilding Academy, with studies focused on HVAC, electrical, and plumbing. Skilled in reading work orders and measurements, operating tools and equipment, maintaining safe work areas, and meeting production and quality standards.

CORE SKILLS

Machine & Spot Welding • Steel Fabrication • Construction Support • HVAC / Electrical / Plumbing Training • Blueprint & Work Order Interpretation • Machine Operation • Material Measuring & Cutting • Quality Inspection • Preventive Equipment Maintenance • OSHA / Workplace Safety • Forklift & Material Handling • Team Collaboration

CONSTRUCTION & MANUFACTURING EXPERIENCE

Tennessee Valley Fence — Huntsville, AL

Machine Welder / Fence Fabricator | October 2025 – Present

- Perform machine welding and spot welding on steel fencing and gate components.
- Measure, cut, fit, and assemble steel materials for residential and commercial fence projects.
- Operate fabrication equipment safely and efficiently while meeting production standards.
- Read work orders, measurements, and job specifications; inspect completed welds for quality.
- Use hand and power tools for assembly, grinding, and finishing while maintaining an organized work area.

Johnson Controls, Inc. — Huntsville, AL

Machine Welder / Production Associate | April 2025 – October 2025

- Operated welding equipment in a fast-paced production environment.
- Performed machine and spot welding and completed quality inspections.
- Followed detailed work instructions and OSHA safety procedures while meeting production goals.

Service Partners LLC — Huntsville, AL

Machine Operator | May 2024 – January 2025

- Operated production machinery to cut and wrap insulation materials for inventory, orders, and shipment.
- Monitored machine operation and maintained production and quality standards.
- Handled materials safely and kept production areas organized.

Lozier Corporation — Scottsboro, AL

Welding Machine Operator | July 2016 – December 2016

- Set up and operated computer-controlled welding and production machines.
- Reviewed blueprints and specifications to determine machine operations and finished dimensions.
- Monitored machine performance, adjusted controls, and inspected finished work for compliance.

Staff Zone Staffing — Huntsville, AL

Carpenter | September 2017 – January 2021

- Performed construction and carpentry work to build and repair structures and related items.
- Selected materials, calculated project requirements, and supported remodeling projects.

GH Metal Solutions — Fort Payne, AL

Laser Operator / Metal Fabrication | January 2015 – June 2015

- Operated machines to cut metal parts, troubleshoot equipment, and support production jobs.

Wilson Lumber (CBS) — Madison, AL

Truss Designer / Builder | February 2013 – July 2013

- Designed and built floor and rooftop trusses for construction projects.

EDUCATION & PROFESSIONAL DEVELOPMENT

North Alabama Homebuilding Academy — Construction Trades Student — HVAC, Electrical & Plumbing (2026 – Present)

ITT Technical Institute — Electrical Engineering Technologies (1 year of college / technical training)

Lackland Air Force Base (U.S. Navy) — Culinary Arts (1 year of technical training)

ADDITIONAL QUALIFICATIONS

- North Alabama Homebuilding Academy construction-trades training in progress; HVAC, electrical, and plumbing.
- Industrial safety, quality inspection, equipment operation, material handling, and production experience.
- References available upon request.