

BRENDYN BUELL

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OBJECTIVE

To obtain an automation or manufacturing engineering related position that will challenge my abilities and measure my success based on results and company growth. Areas of interest include automation, mechanical engineering, and manufacturing engineering.

SKILLS & ABILITIES

- Experience constructing and working with isometric drawings
- Experience following blueprints to complete prefab piping
- Experience Stick welding carbon steel out of position
- Experience TIG welding carbon steel and stainless steel out of position
- Experience working with Autodesk Inventor and AutoCAD
- Basic understanding of Six Sigma quality control
- Experience with programming FANUC industrial robots from a teach pendant
- Experience working with and wiring photoelectric and proximity sensors (including fiber optic and remote sensors)
- Experience with Allen Bradley and Siemens PLC equipment
- Experience with PLC related networking
- Experience using ladder logic to program PLC's
- Experience programming Human Machine Interfaces
- Experience programming sequential processes
- Experience designing, constructing, and programming functional flexible manufacturing systems
- Experience setting up a working feedback control loop
- Experience running lathes and mills
- Basic understanding of GD&T
- Experience constructing and repairing basic fluid power systems

EXPERIENCE

10/2018 – Present Pipe Fitter/Pipe Welder, MIELKE Mechanical

- Lead a team to complete small projects
- Complete isometric drawings and parts lists for upcoming jobs
- Follow blueprints to complete mechanical room piping
- Complete prefab piping according to blueprints
- Perform 1G MIG pipe welds on carbon steel and stainless steel
- Perform 6G Stick and TIG welds on carbon steel and stainless steel
- Perform copper brazing and soldering when necessary
- Weld galvanized, carbon steel, stainless steel, and aluminum metals to fabricate specific custom products for customers according to blueprints

- Lay out, position, align, and secure parts and assemblies using straight edges, combination squares, calipers, and rulers
 - Use proper welding techniques, equipment, and materials to repair items
 - Communicate with project managers to complete project objectives on schedule at cost
 - Ensure proper operation of tools and equipment at the job site
- 10/2015 – 9/2018 Cook, Taco Bell
- Managed simultaneous cooking tasks to efficiently deliver food to customers.
 - Provided cash register support as needed.
- 5/2016 – 9/2016 Information Technology Intern, GOJO
- Received, set up, and supported user-related equipment such as desktops and laptops
 - Maintained orderly IT room to present professional and organized appearance
 - Repaired hardware and software related issues with printers, desktop computers, and laptop computers

EDUCATION

- 9/2020 – 5/2024 B.S. Mechanical Engineering Technology, Old Dominion University
- 9/2020 – 5/2024 Minor – Electrical Engineering Technology, Old Dominion University
- 9/2018 – 5/2020 A.S. Robotics and Automation Engineering, Lorain County Community College
- 8/2016 – 5/2018 High School Vocational Diploma, Computer Science and Forensics
- 8/2014 – 5/2018 High School Diploma, Medina High School

CERTIFICATIONS

- Fanuc Handling-Tool Operations and Programming
- 1G MIG Welding Carbon Steel Certified
- 1G MIG Welding Stainless Steel Certified
- 6G TIG Welding Carbon Steel Certified
- 6G TIG Welding Stainless Steel Certified
- 6G Stick Welding Carbon Steel Certified
- IC3 (Internet Core Competency Certification)