Terry Washington

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**Job Objective** Electromechanical Engineering Technician with 19 years of experience in search of a challenging position where I can apply my experience and knowledge.

**Highlights of Qualifications:**

* Wide knowledge of AC/DC control systems including low and high voltage
* Proficient with voltmeters, amp-meters, signal generators, ohmmeters and calibrators
* Proficient with the use of high-speed data acquisition software for analyzing and troubleshooting
* 14+ years of experience in programming HMI interfaces, Rockwell RS5000/500 and Siemens PLC’s VFD’s and various integrated controllers
* Ability to read, interpret and modify wiring diagrams, schematics and written specifications
* Proficient at engineering, planning, purchasing and installing new equipment and controls
* Wide Knowledge of PC’s components and assembly
* Ability to manage networks, servers and VM’s

**Professional Experience:**

Caster Electrician

US Steel, Granite city, IL

October 2020 – Present

* Perform daily preventative maintenance on all electrical systems.
* Troubleshooting and repair multiple types of control and automation systems.
* Testing and replacement of low and high voltage motors.
* Reading and making corrections on electrical prints to correctly represent current wiring.
* Preform Audits on electrical safe work procedures.

Casting Electrical and automation Technician

Nucor Steel Decatur, Trinity, AL

April 2004 – October 2020

* One of four individuals involved with several large multi-phase automation upgrades
* Performed installation, operation and repair on multiple site wide electronic systems
* Engineered and assembled complex systems embodying electronic and Electro-mechanical principles.
* Verified proper operation for newly installed machines and equipment.
* Replaced faulty relays, switches, motors, and positions sensing devices.
* Preform PLC code and HMI changes as need for equipment.
* Worked directly with operations and field technicians to resolve automation issues with equipment.
* Keeping safety of all fellow workers a top priority
* NFPA 70E practices and training.

**Education**

Associates of Applied Science: Electromechanical Engineering

Central Ohio Technical College / Ohio State Newark Campus, Newark OH