

Cody Tolbert

Integration Technician

Detroit, MI 48227

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Military trained professional, experienced in various electronics and electrical systems. Work experience in Robotics, RF communication, Network and Satellite communications. Experience with on-site installation, integration, customer service and quality assurance.

Willing to relocate: Anywhere

Authorized to work in the US for any employer

Work Experience

Field Service Technician

MC Machinery Systems, Inc. - Chicago, IL

May 2022 to October 2022

- Traveling to customer locations to diagnose complex technical problems and perform on-site repair on OPS INGERSOLL EAGLE Sinker EDM machines, and Mitsubishi Machinery Products.
- Examining machines mechanically and electrically in order to perform repairs by dismantling machines and rebuilding as needed
- Diagnosing problems and troubleshooting over the phone, or remotely communicating with customers to coordinate resolutions
- Interpreting Japanese and German, and English schematics and block diagrams to analyze and troubleshoot problems
- Working to minimize customer downtime and keep up 100% production. Performing certification tests for government policies and standards.

Systems Integration and Installation Lead Technician

BACA Systems, LLC - Lake Orion, MI

June 2017 to May 2020

- Building and testing components for robotic saw jet systems. Including Electrical Cabinets, HMI, EOAT, as well as setting up networks and PLC programs.
- Verifying conformance to specifications and testing functionality to ensure quality assurance.
- Traveling to customer locations nationwide to install and integrate the systems at the customer facility.
- Communicating with customers on site to ensure customer satisfaction as well as confirming site/facility specifications.
- Reading and interpreting blueprints and schematics (including electrical prints), creating operating procedures.
- Product and Prototype development, Using hand tools, power tools, and other related electrical equipment for component testing.
- Training team members on system build practices, as well as system installation practices and procedure.
- Remote Computer troubleshooting, Occasionally traveling for Service, diagnosing issues and repairing them on site to prevent customer downtime.

Distributed Antenna System Lead Technician

Prime Communications Inc

October 2016 to February 2017

Installed Distributed Antenna System wireless equipment and set up communication systems. Experience with various equipment including Outdoor and Indoor antennas, coaxial cable, CATV cable, fiber optic cable, CAT 5/6 cable, DC Power Cabling, etc.

- Terminating and Connecting different types of coaxial cable including: JMA, Andrews, Trilogy as well as Fusion Splicing and Fiber OTDR Testing.
- Communicating and coordinating with customer and company related to specific safety, local code and company installation requirements as well as providing customer service through informed progress of installation.
- Project proposal development and project preparation activities.
- Completing site surveys to troubleshoot and design corrective RF and fiber optic installations for existing systems with inadequate coverage.
- Managing, training and leading a project team of 3-5 technicians.

Robotic Process Engineer

FANUC America

August 2015 to April 2016

- Designed and implemented robotic processes to meet expectations for customer and client requirements. Performed process engineering analysis and feasibility studies of paint automation equipment for clients based on customer quotations while executing system business requirements to meet customer's needs and expectations.
- Installation and operation of robot equipment at customer sites while maintaining a continuous improvement rate of 95% production. Project process execution on receipt of customer orders.
- Provided technical expertise, training, and assurance to customers during sales appointments, as well as customer demonstrations and accurate analysis development while providing presentation materials on the results of demonstrations. Participation in fast paced expansion with product and process development.

Submarine Electronics Technician (Communications)

U.S. NAVY

October 2012 to April 2015

- Experience with tactical radio and network computer systems. conducted communications via online, satellite, antenna and telecommunication methods, maintained inventory systems, as well as operation and maintenance of electrical and electronics communication equipment. Managed and supervised installation, maintenance, repair and operation of electronic communication equipment including COMSEC and cryptographic equipment.
- Operated sophisticated electrical and electronic communication equipment for nuclear powered submarine in US NAVY during stressful and pressured filled circumstances to produce and maintain critical mission readiness. Conducted operational navigation and communication utilizing multiple methods including radar and electronic surveillance measures simultaneously leading to a 100% successful transit rate.
- Served as Assistant Security Manager of Communications Electronic Division. Managed a team of both peers and supervisory personnel in a security preservation program. Prepared and maintained inventory and maintenance administrative reports, logs, and data sheets to maintain a 93% inspection return, maintaining the highest in the department.

Education

Electronics Technician

Communications "A" School

August 2013 to December 2014

Tactical Network Computer Operations School

May 2013 to August 2013

Electronics Core Apprentice Technical Training School

March 2013 to May 2013

Associate

Adrian College

August 2010 to June 2012

Skills

- Robotics
- AUTO CAD
- CAD
- CAD PROGRAMS
- DATA ANALYSIS
- Process Engineering
- Schematics
- Electrical Experience
- Cabling
- Programmable Logic Controllers
- Robotics
- Software Troubleshooting
- Blueprint Reading
- Remote Access Software
- Equipment Repair
- Computer Networking
- Troubleshooting
- Network Support
- Manufacturing
- Active Directory
- Telecommunication

Military Service

Branch: NAVY

Service Country: United States
Rank: E-4
October 2012 to April 2015

Certifications and Licenses

Fanuc Robotics

Present

KUKA Robotics

Present

Secret Clearance

Top Secret Clearance

TS/SCI

Additional Information

SKILLS

- Experienced in various computer/electronics systems and data analysis programs.
- Able to identify complex problems and develop ideas, evaluate information, and implement solutions.
- Performance driven team leader always prepared to learn and contribute.
- Comprehension of management principles including strategic planning, resource allocation, and coordination of personnel safety and resources
- Good judgment and problem solving skills in high intensity environments
- Excellent communication and computer administrative skills
- Experience with robotic process creation and 3D CAD programs
- Experience with Remote Communication Systems
- Proficient in Microsoft Office (Word, Excel, PowerPoint)