

Justin Pontius | Curriculum Vitae

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Technically sophisticated Electronics Engineering Professional with a proven track record of effective large-scale electronic and communication systems deployment and maintenance, including electronics engineering, system planning and integration, training and project management. In-depth knowledge of existing telecommunications and electronic technologies, with the ability to apply them to the strategic benefit of the organization. Consistent record of achievement in project management, dramatically improving communications infrastructure operating stability, efficiency and profitability. Consistently deliver multiple concurrent projects under the tightest deadlines.

Professional Experience

University of Notre Dame

South Bend, IN

NMR Facility Engineer

2011–Present

Responsible for routine maintenance, system troubleshooting of Nuclear Magnetic Spectrometers. Read and interpret schematics and block diagrams, test systems, and identify, troubleshoot and resolve wide range of technical issues. Align, adjust, calibrate and perform preventive maintenance on equipment.

- Responsible for numerous multi-million dollar equipment maintenance and operation with little supervision.
- Worked independently to diagnose and repair NMR systems.
- Give user and student operational training courses.

JEOL USA Inc.

Peabody, MA

Field Service Engineer

2008–2011

Responsible for routine maintenance, installation and troubleshooting of Analytical Instruments including Nuclear Magnetic Spectrometers and Mass Spectrometers. Use of Liquid Nitrogen and Liquid Helium required for instrument operation. Read and interpret schematics and block diagrams, test systems, and identify, troubleshoot and resolve wide range of technical issues. Align, adjust, calibrate and perform preventive maintenance on equipment.

- Maintained company assets (car, tools, inventory, laptop, etc.) in good and working condition.
- Received customer service requests for installations, re-locations, calibrations, preventive maintenance and basic repairs. Promptly acknowledges receipt and contacts the customer to schedule services required. Ensures that the schedule meets the customer's needs. Seeks assistance from peers when unable to meet the customer's expectations. Communicate schedule of services on a daily basis.

United States Navy

San Diego, CA

Electronics Technician 2nd Class

2000–2008

Perform comprehensive maintenance on diverse electronic communication, navigation, security, cryptologic and tracking equipment and related components. Read and interpret schematics and block diagrams, test systems, and identify, troubleshoot and resolve wide range of technical issues. Maintain radar transmitting, receiving and navigation equipment systems, subsystems, circuits and parts.

- Successfully completed numerous mission-critical projects, on time and on budget; received numerous commendations for exemplary performance.
- Seamlessly installed multiple UHF SATCOM radios, and single-handedly set up and configured all VoIP telephone circuits and Distributed Interactive Simulation Voice circuits for use with Navy tactical radios.
- Troubleshoot network connectivity issues between multiple locations worldwide.
- Maintained and tracked 400+ pieces of electronic test equipment; maintained system readiness well above standard rate of 95 percent.

Technical Proficiencies

Platforms:: Red Hat, CentOS, Debian, Ubuntu, Windows, Cisco IOS

Tools:: Outlook, Works, Excel, PowerPoint, L^AT_EX