

Erik Trent

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Summary

Seasoned Applications Engineer with experience in a variety of technical fields including commercial software, electronics, geotechnical instrumentation, optics and sensors. Extensive experience in field service, product development, infrastructure wiring, and technical support. Strong record of customer service and satisfaction. Proven excellence in troubleshooting, problem solving skills and innovative solutions.

Experience

CALIBRATION AND VALVE SEAL SPECIALIST | ZAJAC LLC | MARCH 25 - PRESENT

- Performed Calibration of Process equipment, and pneumatically controlled valve seal maintenance. Calibrated equipment for flow, pressure, temperature, and mass.

FIELD SERVICE ENGINEER | BTU INTERNATIONAL | AUGUST 16 - MARCH 25

Position demanded travel to customer locations for install, repair and upgrading of equipment in manufacturing and laboratory conditions.

- Extensive travel nationally.
- Skills required: electronic, electrical, mechanical and plumbing.
- Training for customer team (Engineering, Process, operators and Maintenance)
- Customer support both remote and on site.
- Training and support for other members of the Field Service and Customer Support Team.
- Working with Engineering and Research and Development for equipment fixes and development.
- Working with other trades to facilitate implementation to include electrical, HVAC and riggers

APPLICATION ENGINEER | XCITEX, INC | AUGUST 16 - MARCH 25

Industry leader in high-speed video and data capture.

- Daily customer support with commercial high-speed video/data capture hardware and software, as well as video analysis software.
- Design and testing of various hardware components and assemblies, including custom PC systems.
- Testing of high-speed video/data acquisition and analysis software.
- Field installation and training.
- Configuration of customer hardware and software.

Project Manager of an in-house pc enclosure which included organizing development and drawing packages from two design groups, and parts specifications for the complete system.

OWNER/CONSULTANT | DORSAI, INC. | OCTOBER 07 - OCTOBER 09

Instrumentation Consulting

Created Dorsai Inc. to provide instrumentation consulting services, both domestically and internationally, within the Geotechnical instrumentation field. Activities included:

- Sales consulting for determining proper products and procedures for quoting and installation.
- Turnkey installation services for geotechnical monitoring.
- Maintaining of servers and instrumentation hardware of monitoring projects.
- Training and testing services both domestically and internationally.

Developed an integrated, automated data collection system that would collect data onsite and present it in real time on a hosted web server application. Included the specification and configuration of the IT infrastructure for collection and data management

FIELD INSTALLATION / SALES REP | ROCTEST, INC. | APRIL 04 – OCTOBER 07

Geotechnical Instrumentation

- Negotiated a variety of contracts
- Organized a training seminar for the “Pressure meter in North America.”
- Performed training and installation of tunnel instrumentation for the Canada Line Project in Vancouver.

SERVICE REPRESENTATIVE | SEGWAY, LLC | NOVEMBER 02 – APRIL 04

Personal transportation

TECHNICAL SERVICE ENGINEER | SUN MICROSYSTEMS | DECEMBER 00 NOVEMBER 01

Major Computer Manufacturer

FIELD INSTALLATION/ SALES REPRESENTATIVE US | ROCTEST INC | OCTOBER 99 - DECEMBER 00

Geotechnical instrumentation

FIELD INSTALLER | SKY-SKAN, INC. | OCTOBER 97 - OCTOBER 99

Planetarium Automation Manufacturer

Education

3 YEARS UMASS BOSTON

USMC THIRTEEN MONTH COURSE FOR 2171 MOS ELECTRO-OPTICAL FIRE CONTROL

HIGH SCHOOL DIPLOMA

Skills & Abilities

- Electronics, Optics, Extensive Windows computer knowledge including standard business applications,
- AutoCAD, Video Analysis software and a large variety of other programs including Word, Excel, PowerPoint, Windows, and Linux.
- Web development and site design with HTML and CSS, as well as Python and DOS scripting experience.
- Broad experience in infrastructure and technical wiring.
- Varied mechanical knowledge.
- Long history of customer support.
- Component level troubleshooting,
- Usage of test bench devices, Oscilloscopes, Multi meters, frequency generators.