

Daniel S. Jurnove

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SKILLS SUMMARY

More than 8 years of experience designing PLC-based control, automation and monitoring systems, focusing on power distribution and monitoring systems.

EXPERIENCE

Senior Applications Engineer, Square D 1/2007-present
Brooklyn, NY

- Design and implementation of monitoring and PLC control systems for substation automation, including emergency power generation, automatic power transfer systems and load-shedding schemes.
- Design and implementation of power monitoring systems for large-scale data centers.
- Design and implementation of sequence of events recording systems for electrical distribution systems.
- Project management of small and medium monitoring and controls projects.
- Assisted sales with development of quotes and proposals.
- Mentoring of new and junior level engineers.
- Promoted from Applications Engineer position in January 2007.

Applications Engineer, Square D / Power Measurement 9/2004-1/2007
Brooklyn, NY

- Design and implementation of tenant metering and power quality monitoring systems for systems with upwards of 1,000 metered points.
- Design and implementation of HMIs for electrical and WAGES monitoring systems.
- Project management of small and medium monitoring projects.
- Programming of custom database reporting tools for electrical monitoring and billing systems.
- Provided installation and startup support, customer training, remote and field support.
- Power Measurement was acquired by Square D in January 2006.

Applications Engineer, Power Resources International, Inc. 1/2000-9/2004
West Babylon, NY

- Design and implementation of automation and monitoring systems, including pump control system for sewage processing plant, electrical substation monitoring and pharmaceutical manufacturing lines.
- Managed several large projects, Worked extensively with purchasing and manufacturing departments for coordination of construction and installation processes.
- Provided installation and startup support, customer training and field support.

SYSTEMS PROFICIENCY

Metering and Protective Relaying Systems: PowerLogic, ION, Schweitzer, Basler, GE Multilin
PLC Automation Platforms: Modicon Quantum/Momentum/Premium, Siemens S7
Programming Languages: PLC (FBD, Ladder), C/C++, Java, PHP, VB
SCADA Programming: PLC: Concept, Unity HMI: Iconics, Citect, SMS, ION Enterprise, Intellution
Other: AutoCAD, Visio, Microsoft Office Suite

EDUCATION

B.S., Computer Science, minor in Mechanical Engineering 2004
New York Institute of Technology, Old Westbury, NY
C.S. Faculty Award, Presidential Honor, Magna cum Laude.

A.A.S., Computer Aided Design and Manufacturing 1998
Corning Community College, Corning, NY
Deans List, Honors Society, Magna cum Laude