JOHN SMITH, E.I.T.

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ELECTRICAL ENGINEER IN TRAINING

~ Concentration: Power/Energy Systems~

Graduating Engineer in Training, offering extensive knowledge in power systems analysis, operations, protection and controls, focused on putting my research, university studies and knowledge to practical, applied use in Power Systems Engineering.

Strong technical and methodical aptitude with an innate ability to analyze, coordinate and synthesize data. Effective communicator with ability to provide leadership in teams and build positive, cohesive relationships with all levels of staff. Ambitious self-starter, eager to gain hands-on experience in an organization that embraces creativity and innovation.

EDUCATION

B.S. Degree, Electrical Engineering - Concentration: Power/Energy Systems **Graduating Oct. 19, 2010**
Ryerson University, Toronto, ON

CORE STRENGTHS

- Strong Analytical & Complex Problem Resolution
- Strategic Data Analysis & Reporting
- Relationship Building & Leadership Skills
- MatLab
- Hardware Troubleshooting
- PSpice & Workbench Simulation Software
- C, Java & Assembly Language
- VHDL
- Microsoft Office Suite
- Windows (98/XP/2000)
- Power Systems
- Load Flow Study
- Power Generation & Transformer Modeling & Operation
- Digital Systems
- Electric Circuits
- Electromechanical Systems
- Control Systems
- Engineering Economics
- Digital Communication Systems
- Energy Conversion
- Microprocessor Systems
- Algorithms & Data Structures
- Software Systems
- Power Electronics; Switching Devices & Converters & Protection Schemes

ACADEMIC ACHIEVEMENTS / CASE STUDIES / PROJECTS

Power Engineering

- Strong understanding and experience with Power Engineering. Extensively researched and studied the components of power engineering through labs and theory based learning throughout the course of my degree; concentrated studies on power generation, transmission and distribution focusing on power quality and reliability.

Power Systems

- Intensive study and practical lab experience with power system components; thorough understanding of transmission line parameters, steady state operation of transmission lines, power system load flow computations, the economic operation of power systems, power system transient states, symmetrical faults, asymmetrical faults and multiphase fault analysis, power system protection and power system voltage stability.
- Lab assignments were completed by using ETAP on subjects relevant to "Power Systems Analysis" as described below: