

BRYCE LAW, E.I.T.

APEGA Professional Engineer-In-Training

Red Deer, Alberta • 403.848.2114 • law.bryce@gmail.com

WORK EXPERIENCE

Process Automation Engineer, Manufacturing

MEGlobal Canada Inc., Prentiss, Alberta

January 2013 - Present

- Designed Honeywell Experion and Schneider Triconex control programming scope for improvement projects.
- Developed and tested case/test scenarios to verify program functionality and proper control response.
- Improved advanced controller uptime by 20% in 2014 through implementing an effective controller monitoring program and improving operator training.
- Successfully led Triconex upgrade project and comprehensive hardware verification procedure to address obsolescence issues with plant SIS platform. This extended the life of the platform and ensured reliability and vendor support until 2030.
- Initiated and completed a DMC controller cleanup project in 2016 to reduce variable bloat and streamlined controller functions to minimize licensing costs by 30% and improve reliability.
- Improved historian uptime by leading project to separate database and communications servers to reduce data loss and the number of gaps in data.
- Trained and developed continuously on Honeywell and Triconex process automation platforms to ensure the most effective use of technology.

Summer Intern

Voltaire Power Company, Mississauga, Ontario

June - Sept 2011

- Responsible for providing assistance in the planning, management, design, procurement and construction of Micro-Fit solar electrical systems.
- Designed line-diagrams for 5 kW to 500 kW solar power installations in Microsoft Visio for Canadian and international clients
- Met regularly with clients to ensure client needs were met.
- Ensured designs met Ontario Electrical Code and regulations.
- Prepared and submitted several Micro-Fit programs for approval by OPA and local hydro companies.

SKILLS & COMPETENCIES

- Engineering work processes and detailed scope reviews
- Technical writing of test procedures, training manuals, and operating disciplines
- Project management, team building, resource procurement, logistics planning and scheduling
- Received vendor training in control systems logic programming for Honeywell Experion, Schneider Triconex, and AspenTech DMC control platforms
- Proficiency in C++, Javascript, Python, Assembly programming languages
- Proficiency in Excel, Visio, Microsoft Office
- Technically detailed engineer and designer. Efficiency oriented with emphasis on safety and usability
- Teachable, adaptable, a motivated self-starter, and team player
- Eligible for P. Eng in 2017

EDUCATION

Queen's University, Kingston, Ontario

- Bachelor of Science, Electrical Engineering

Class of 2012