

# BRYCE LAW

Junior Systems Engineer, Defence & Aerospace  
Ottawa, Ontario • 403.848.2114 • law.bryce@gmail.com

## WORK EXPERIENCE

---

Junior Systems Engineer, CP140 Aurora

General Dynamics Mission Systems - Canada, Ottawa, Ontario

*September 2016 - Present*

- Performed comprehensive software and systems regression testing on new software for CP140 Aurora aircraft to ensure legacy features remained functional.
- Raised problem reports and consulted with software teams to address software related defects.
- Wrote and scheduled scripts in DOORS to perform statistical analysis on test completion and aid in test scheduling.
- Created web-based test reporting and lab configuration tracking tools in Angular for software teams to better provide indication of lab changes, and issues with software.
- Met regularly with clients to demonstrate software features and ensure specifications and requirements were met.

Process Automation Engineer, Manufacturing

MEGlobal Canada Inc., Prentiss, Alberta

*January 2013 - August 2016*

- Designed Honeywell Experion and Schneider Triconex control programming scope for plant improvement projects.
- Managed process automation projects to ensure projects were completed within strict timelines and on budget.
- Represented automation engineering expertise in project scope and reviewed automation design in the MOC process to ensure industry design and safety standards were met.
- Improved DMC advanced controller uptime by 20% in 2014 through implementing an effective controller monitoring program and improving operator training.
- Led Triconex upgrade project and comprehensive hardware verification procedure to successfully address obsolescence concerns with plant SIS platform.
- Initiated and completed DMC controller cleanup project to reduce variable bloat and streamline controller functions to minimize licensing costs by 30% and improve reliability.

Summer Intern

Voltaire Power Company, Mississauga, Ontario

*June - Sept 2011*

- Designed line-diagrams for 5 kW to 500 kW solar power systems in Visio for Canadian and international clients
- Ensured designs met Ontario Electrical Code and regulations.
- Prepared and submitted several Micro-Fit program applications for approval by OPA and local hydro companies.

## SKILLS & COMPETENCIES

---

- Requirements and Project Engineering work processes and detailed scope reviews
- Software testing and verification
- Technical writing of test procedures, training manuals, operating disciplines, and detailed problem reports
- Project management, team building, resource procurement, logistics planning and scheduling
- Proficiency in C++, JavaScript, Python, Assembly programming languages
- Proficiency in DOORS, HTML, CSS, Angular, Excel, AutoCAD, Visio, Microsoft Office

## EDUCATION

---

Queen's University, Kingston, Ontario

- Bachelor of Science, Electrical Engineering

*Class of 2012*