

# PIERRE GAUTREAU, P.Eng.

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## Education

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<b>PHD IN OPERATIONS MANAGEMENT</b>	<b>Schulich School of Business (York)</b>	Sept 2021 – Present
<b>MBA IN SUPPLY CHAIN MANAGEMENT</b>	<b>Lazaridis School of Business (Laurier)</b>	Apr 2017 – June 2020
<b>BACHELOR OF MECHANICAL ENGINEERING</b>	<b>Université de Moncton</b>	Sept 2010 – Apr 2015

## Professional Designations

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**LICENSED PROFESSIONAL ENGINEER – Professional Engineers Ontario – June 2021**

## Academic Work Experience

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### **RESEARCH ASSISTANT – Wilfrid Laurier University – Waterloo, ON – November 2020 – Present**

- Researching the optimal facility location of parcel delivery dispatch centers within smart cities
- Research assistant position was created based on my MBA independent study elective course paper
- Funded through Wilfrid Laurier’s Centre for Supply Chain Management

### **AVIATION INSTRUCTOR – Royal Canadian Air Force – Various Locations – September 2011 – May 2021**

- Courses taught include: Theory of Flight, Aircraft Instruments, Navigation, Meteorology, Air Law, Radio Communication
- Taught night classes continuously for 10 years offering both in-person and online lectures
- Held the rank of Air Force Second Lieutenant

### **MATH & SCIENCE TUTOR – Éduc Aide Inc. – Dieppe, NB – October 2010 – April 2015**

- Provided one-on-one tutoring services to high school students
- Specialized in Grade 12 IB Advance Calculous and Physics courses

## Engineering Work Experience

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### **ASSOCIATE ENGINEERING PROJECT MANAGER – Blanco Canada Inc – Etobicoke, ON – July 2019 – August 2021**

- Responsible to manage a portfolio of projects through the entire project lifecycle from initiation to closeout
- Manage an annual CAPEX budget of \$3M for the Canadian Manufacturing Plant (CMP)
- Manage the Process Optimization department at CMP and responsible for process improvement outcomes
- Collaborate with Blanco Germany Technology Team to develop new process methods and technology
- Develop automation strategy to reduce Canadian operating costs and increase productivity
- Develop capacity expansion plan based on upcoming sales forecast

### **MAINTENANCE SUPERVISOR – Blanco Canada Inc – Etobicoke, ON – May 2018 – July 2019**

- Managed a team of 14 technicians including tool and die makers, millwrights, and CNC programmers
- Responsible for troubleshooting all electrical related issues and managed contractors to resolve problems
- Introduced Condition Monitoring and Reliability Centered Maintenance principles to the plant
- Manage various capital projects and continuous improvement projects
- Installed automated productivity monitoring dashboard which improved CNC department productivity by 20%
- Developed 3-year strategy for maintenance department. Introduced vibration analysis, infrared inspections, double the preventive maintenance coverage, and implemented a computerized maintenance management system

**ASSET RELIABILITY SPECIALIST – Maple Leaf Foods – Mississauga, ON – July 2017 – May 2018**

- Led reliability transformation projects to established maintenance best practice across all 21 Maple Leaf plants
- Coached maintenance departments to adopt Maple Leaf Standardized Work Order Workflow
- Introduced Condition Monitoring, Root Cause Analysis, and Reliability Centered Maintenance principles to plants
- Performed maintenance assessments to benchmark plants against the Maple Leaf standard
- Trained maintenance managers, supervisors, planners, trades to adhere to corporate maintenance standards
- Provided training course to introduce non-maintenance leadership staff to RCM concepts

**PAPER MILL PROCESS ENGINEERING SPECIALIST – Irving Consumer Products – Toronto, ON – Nov 2016 – July 2017**

- Managed day-to-day operation of a tissue paper machine in Irving's largest tissue plant
- Drove continuous improvement initiative by implementing daily management best practices
- Developed standard operating procedures for optimal machine operations
- Managed project deliverables during the development of new production management software
- Planned and executed new product R&D trials
- Measured and tracked key metrics to drive efficiency and identify issues
- Participated in lean six sigma initiatives to reduce operating cost

**RELIABILITY ENGINEERING SPECIALIST – Irving Consumer Products – Toronto, ON – June 2015 – Nov 2016**

- Drove continuous improvement through Root Cause Failure Analysis
- Advised Project Managers on the integration of reliability strategies into capital projects
- Developed planning and scheduling process which was implemented across Irving Tissue plants in Canada and the US
- Managed a PM Optimization Project on the company's most critical assets. Following the project, planned maintenance man-hours was reduced by 30% and unplanned maintenance downtime was reduced by 50%
- Managed training and deployment of infrared monitoring technology
- Developed KPIs and automated data reporting with Cognos Business Intelligence
- Promoted visual management and lean best practices within the maintenance department

**Engineering Internships**

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**MECHANICAL INTERN – MAINTENANCE & RELIABILITY – Rio Tinto Alcan – Saguenay QC – May 2014 – Aug 2014**

**PROJECT ENGINEERING COOP – Suncor Energy – Fort McMurray AB – May 2013– Dec 2013**

**MECHANICAL INTERN – TECHNICAL SUPPORT GROUP – Rio Tinto Alcan – Saguenay QC – May 2012 – Aug 2012**

**FIELD INSPECTOR – City of Moncton – Engineering Department – Moncton NB – May 2011 – Aug 2011**