

Laura Amador

Chemical Engineering, University of Waterloo

EXPERIENCE

ABC GROUP, Toronto | www.abcgrouppinc.com

HVAC Business Unit Co-op, September to December 2016

- Collect and Analyze data from various equipment to improve machine performance
- Support Project Engineers to ensure all Programs deadlines are met
- Inspect blow molding capabilities and participate in design modifications

PEPSICO, Mississauga | www.pepsico.ca

Manufacturing and Maintenance Co-op, December 2014 to April 2015

September 2015 to January 2016

- Order products from various suppliers
- Assist and support operators to ensure they are able to work safe and efficiently
- Participate in various projects to improve production line efficiencies
- Reduce energy consumption (gas, water and electricity) by identifying potential opportunities to re-use energy
- Create database and inventory of parts and tools in the facility

FRITO LAY (PepsiCo), Mississauga | www.fritolay.com

Productivity Co-op, May 2015 to August 2015

- Increase efficiency of fuel usage in the fleet by implementing software to analyze best routes
- Evaluate necessary equipment for each Frito Lay site across Canada
- Create and implement new recruiting software that considers data from previous years and forecasts next year's needs

PROLLENium MEDICAL TECHNOLOGIES, Aurora | www.prollenium.com

Quality and R&D Associate, September 2013 to January 2014

- Assist and support unionized manufacturing employees
- Ensure the final product was compliant with specifications

- Interact and supervise contractors and suppliers to ensure obedience to company's policies

PROJECTS

COOL Beer Brewery, Toronto | www.coolbeer.com

SOP to account for Raw Material Variations, January to December 2014

- Ensure beer quality by performing several tests, such as pH, original gravity, alcohol content, color, bitterness, CO₂ dissolved, etc.
- Collect samples during every brewery stages to monitor temperature, gravity, pressure, pH and other parameters.
- Carry out yeast analysis (yeast viability, microbiological contamination and yeast vitality).

SKILLS

Tools: Excel, Microsoft Office, Adobe Creative Suite

Technical: MATLAB, Visual Basic, Aspen

Soft: Multi-tasking, organizational, adaptability

Spoken Languages: English, Spanish, Conversational Italian

EDUCATION

Candidate for Bachelor of Chemical Engineering

University of Waterloo, Waterloo, ON

Bronze Cross Leader – Swimming Instructor

Forest Hill, Toronto, On

Quidditch Tournament – Coaching and Player

Forest Hill, Toronto, On