

Chun Bon Charles Li

1225 Schubert, Brossard, Quebec, J4X 1X6

chun.b.li@mail.mcgill.ca 514-591-6368

EDUCATION

Bachelor of Engineering: Chemical Engineering Major/Computer Science Minor September 2016 - Present
McGill University, Montréal, QC

Health Sciences September 2014 - June 2016
Champlain Saint-Lambert College, Saint-Lambert

SKILLS

Languages: English, French, Cantonese, Mandarin, Spanish (Beginner)

Software: Microsoft Office (Word, Excel (macros), PowerPoint, Project), Labview, Labview

Programming Languages: Java, C, MATLAB, Python, HTML, Javascript, Latex, SageMath, Fortran

Certificates: WHIMIS, First Aid RCR DEA

WORK EXPERIENCE

Labatt Brewing Company Limited, Montreal May 2018 – August 2018
Production Line Manager

- Daily Shift Hand Over meeting with other managers and lead operators. Weekly meetings with Operations Director and monthly safety meetings with whole production line crew; well planning and communication contributed to an overall line efficiency of 90% with injury on the line.
- Implemented TPM on 2 lines which translated to improved Operational Equipment Efficiency (OEE) by 5%.
- Managing teams of 20 on the beer bottles line and can lines that supplies Quebec and Ontario.
- Responsible for making decision on the production schedule, coordinating the brewing and logistic department, scheduling line shut down for maintenances; which highly impacts the volume of beer delivered across Canada.

Biena Inc. Saint-Hyacinthe June 2017 – September 2017
Fermentation Engineering Intern

- Worked in Fermentation with Bioreactors ranging from 100L to 10 000L (cGMP standards)
- Responsible of a test trial bacteria strain and had biweekly meetings with the Production Director to update on the project and discuss improvements that can be implemented; resulted in a successful test trial which will commercially sold.
- Responsible for controlling pH, controlling pressure, CIP, SIP, centrifugation under FDA regulations and worked with industrial continuous centrifugal and lyophilization technology.

EXTRACURRICULAR EXPERIENCE

Paris Air Show 2017, Student Ambassador August 2016 - Present

- Representing McGill University at an international event to network with experts in the field of aerospace.
- Attend meetings and events to secure sponsorship for MIAE and oversea internship opportunity for McGill Engineering Students.

McGill Chem-E Car Design Team, Power Source Team Leader August 2017 - Present

- Schedule biweekly meetings with members and supervise all labs and data analysis.
- Weekly meetings with other team executives to update other sub teams and keep track of the progress.
- Responsible for designing, testing and optimizing the magnesium-air battery.

PROJECTS

NBCC Deloitte Case Competition, McGill University, Montreal March 2018

- Amazon Retailing Project; With a time constraint of 3 hours, a solution along with an implementation strategy and a detailed schedule of the execution plan was achieved by working in a team of 4.
- Placed 3rd out of 20 teams.

Apple Juice Design Project, McGill University, Montreal December 2016

- Applied chemical engineering principles such mass balance, energy balance, equipment sizing and cost, to design an apple juice producing plant in a team of 4.