

# Bella Li, B.Eng, E.I.T.



(647) 863-0531

1284 Gordon St, Guelph, ON, N1L 0M8

[bellali0567@gmail.com](mailto:bellali0567@gmail.com)

[linkedin.com/in/ligaojie](https://www.linkedin.com/in/ligaojie)

## Career Objectives

I want to further develop my engineering skills that I learned in school and intern experience into a successful career in the management of environmental concerns. I enjoy learning and working on projects related to water quality, air quality and climate change, and I am looking for an entry level position with a firm where I can further develop my skills and career as an **engineer-in-training** and scientist. I am looking for a position that will support my application for a Professional Engineer (P.Eng.) upon completion of the require experience.

## Key Strengths & Skills

✓ <b>Engineering Design with CAD</b>	✓ <b>CAD Drawing Review</b>	✓ <b>Data &amp; Statistical Analysis</b>
✓ <b>Communication &amp; Teamwork</b>	✓ Field Support	✓ Quality Assurance
✓ <b>Project Coordination &amp; Support</b>	✓ Engineering Project Reporting	✓ Client & Stakeholder Relations
✓ <b>Design Software Experience</b>	✓ Cost Estimating	✓ G Driver's License
✓ <b>Problem Solving &amp; Researching</b>	✓ Time Management	✓ Attention to Detail

**Computer Skills:** MS Office | AutoCAD | SolidWorks | EPASWMM | ArcGIS | AERMOD | HEC-HMS | GEOSTUDIO | R

## Engineering Work Experience

**Yongquan Membrane Technology Co., LTD.**

*Environmental Field and Data Technician*

**May. 2019 – Aug. 2019**

Jinan, Shandong, China

- Assessed the performance of various types of drinking water membrane and food/beverage processing membrane at the engineering lab by **performing data analysis** of the test results.
- Managed lab tests of performance and **test results collection**, improved reliability of test results.
- Provided reliable test results and directive conclusions for clients' requirements; identified key metrics during data entry, complex datasets organization, and statistical data analyses by using multiple data analytical tools such as MS Excel and R.
- Oversaw design reports** to meet the local and ministry's environmental compliance.
- Controlled quality of engineering design** and deliverables for membrane bioreactor system upgrade projects.
- Responsible for performing COD removal efficiency tests, provided valuable results for the client who was looking to upgrade an entire membrane bioreactor system.

**Niutech Environment Technology Corporation**

*Environment, Safety Engineering Intern*

**May. 2018 – Aug. 2018**

Jinan, Shandong, China

- Review of AutoCAD design drawings** for consistency of dimensions between two parts of a pyrolysis system for the conversion of plastics and rubbers to gaseous fuel.
- Review of borehole logs** for soil conditions at different depths for input into the design of below ground components of the water supply system.
- Managed weekly progress meetings with project managers and equipment manufacturers/suppliers to review equipment safety levels, information clarification, production/delivery schedules, and other administration duties.

## Other Experience

### QuantWave Technologies Inc.

Project Assistant

**Dec. 2019 – Present**

Kitchener, ON

- Conducted academic research and market research on advanced water/wastewater analyzers to innovate a competitive water/wastewater analyzing product.
- **Perform SWOT analysis** on the smart wastewater sensing systems.

### China Merchants Bank

Customer Service Representative

**May. 2017 – Aug. 2017**

Jinan, Shandong, China

- Provided in-person support for customers needing assistance with the automated banking tellers.
- Supported full-time bank staff in the filing of confidential documents.

### Dexiang Electrical Technology Co., LTD.

Online Store Manager

**May. 2016 – Aug. 2016**

Jinan, Shandong, China

- Catalogued the company's electric heaters and other products for sale on their e-commerce site.
- Processed international orders for distribution to countries in Europe and North America.

### Centre for Information and Community Services

Youth Settlement Volunteer

**Apr. 2015 – Aug. 2015**

Toronto, ON

- Attended weekly trainings and preparation sessions with five youth settlement team members to organize English summer camp for 20 international youth coming to Canada from Asia
- Led English as a Second Language (ESL) class of 20 students, aged 8 to 12, in activities which helped them learn about Canadian culture and improve their English communication and teamwork skills.

### Good Shepherd Ministries

Student Volunteer

**July. 2014 – Aug. 2014**

Toronto, ON

- Responsible for cleanliness in, and around, the shelter by picking up trash and helping out at events.
- Increased resident comfort by sorting food, making meals, and doing laundry.

## Education

### Bachelor of Engineering in Environmental Engineering

Minor in Statistics

**Sept. 2015 – Feb. 2020**

University of Guelph, Guelph, ON

- Developed valuable teamwork, communication, coordination, and collaboration skills through an abundance of experience working with teams on engineering design projects.
  - Acquired important design experience through yearly design projects, most notable being the fourth-year capstone project, "Multi Soil Layering Wastewater Treatment System: an improved wastewater treatment system for the North Caribou Lake First Nation that increases reliability, safety, and promotes an eco-friendly operation."
- Successfully completed 26 credits, gaining knowledge and insight in the following highlighted courses:

**Urban Water Systems Design**

**Risk Assessment & Management**

**Groundwater Engineering**

**Environmental Engineering System**

**Soil Mechanics**

Material Science

Solid and Hazardous Waste Management

Atmospheric Emission Control

**Engineering Mechanics**

Engineering Economics

Hydrology

Statistics in Engineering

**References available upon request**