

# Jasmine Park

Chemical Engineer, E.I.T.

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## Summary of Qualifications

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- Permit Preparation
- Project Management
- Environmental Audits
- Project Lead
- Data Analysis
- Regulatory Inventory
- Time Management
- Consulting

## Education

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**University of Toronto** [Toronto, ON]

(Sept 2012 to May 2016)

Bachelor of Applied Science in Chemical Engineering • Cumulative GPA: 3.89/4.00

- Graduated with Honours

## Technical Knowledge and Skills

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- **Programming:** C, C++, Visual Basics and  $\text{\LaTeX}$
- **Software:** Word, Excel, PowerPoint, AERMOD, Reg 346, ASHRAE, ALOHA, MARPLOT, RMP\*Comp, Visio, OpenProj, AutoCAD, AspenPlus, Matlab, IQ3 and Drift
- **Foreign Languages:** English and Korean
- **Certifications:** WHMIS, CPR/AED, First Aid, Working At Heights and Qualified Odor Assessor

## Work Experiences

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**Trinity Consultants Inc.** [Toronto, ON]

(Jan 2017 to Present)

### **Environmental Consultant**

- Demonstrated success in client management and development by leading various environmental regulatory cases and permits with due diligence.
- Led projects by documenting the progress and managing third contractors, while staying within the promised timeline and budget.
- Performed air dispersion modelling analysis in accordance with project requirements and Ontario regulations/standards by using Reg346, AERMOD and ASHRAE modelling programs, while continuously remaining current to the latest information to provide updated expert advices and services.
- Conducted compliance assessments to comply with the local, provincial and federal standards in all aspects, while achieving the facility's goal and maintaining the scope of the project.

**The Southern Ontario Centre for Atmospheric Aerosol Research** [Toronto, ON]

(May 2015 to Sept 2015)

### **Summer Research Internship: Professor. Greg Evans**

- Performed studies on air quality with a focus on how aerosols impact human health and the environment by working with medical personnel, atmospheric chemists, environmental engineers and other partnerships.

**University of Ulm** [Ulm, Germany]

(June 2014 to July 2014)

### **Summer Research Internship: Professor. Dr. Rolf Jrgen Behm**

- Examined the heterogeneous catalytic performance of gold catalysts (Au nanoparticles supported on various of metal oxides, especially Titanium dioxide) for the CO oxidation reaction.
- Determined how the temperature and pretreatment process, also known as calcination (CO400 and O400) affect the catalytic performances.