29 Boundary Creek Path, Phone: 1-647-782-7918

Brampton, ON L6Y 6E1 E-Mail: [cz7@ualberta.ca](mailto:cz7@ualberta.ca)

#### Dear Hiring Manager,

My name is Chao Zhang; I am a new graduate with B.Sc. degree in Chemistry from University of Alberta located in Edmonton Alberta. I am actively looking for job opportunities. I am very interested in the Environmental Scientist position in the 30 Forensic Engineering.

The following are the highlights of my qualifications:

* Cumulative Grade Point Average: 3.0/4
* Dedicated and committed to a team
* Eager to learn new skills
* Have experience in writing lab reports
* Have laboratory experience
* Willing to travel and relocation

My resume is attached for your consideration. I hope to hear from you soon to arrange an interview. I can be reached either by phone at 647-782-7918 or by email at [cz7@ualberta.ca](mailto:cz7@ualberta.ca)

Sincerely, Chao Zhang

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# EDUCATION

## University of Alberta - Bachelor of Science Jan. 2014 *–* Dec. 2017

* Specialization: Chemistry
* Notable courses include CHEM 401 Introduction to Chemical Research and CHEM 403 Investigational Chemical Research under the supervision of Dr. Alex Brown and Dr. Jonathan Veinot

## Technical University of Munich - Finding Nano Program Jul.2016 *–* Aug. 2016

* Comprehensive introduction to the current stage of development in nanotechnology, including properties of Nano-materials to production, processes and application
* Participated in the solar cells laboratory project, which researched new materials for energy conversion, storage and concepts for new areas of renewable energy in the future
* Attended the Nano-Engineered Materials Introduction lecture, which provided valuable insight to state of the art Nano-technology research
* Provided an opportunity to experience valuable education at a highly regarded and respected international university

# ACADEMIC ACCOMPLISHMENTS

## Hybrid Ge- Si Nano Particle Research & Presentation Jan. 2017 *–* April. 2017

### Western Canadian Undergraduate Chemistry Conference

* Investigated and researched Hybrid Ge- Si Nano-particles and its properties
* Delivered a concise, accurate and appealing presentation regarding the research findings

## Thieno- Guanine Stacking Energy Research and Presentation Sept. 2016- Dec. 2016

### University of Alberta

* Actively studied and excelled at Theino- Guanine Stacking Energy Computational research
* Dramatically improved accuracy and preciseness through the use of computing programs, producing scientifically significant results
* Presented research findings in an analytical and logical manner

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## New Material OLED Research Jul. 2016- Aug. 2016

### Technical University of Munich

* Explored and analyzed New Material OLED in partner with the Finding Nano Program

# Community Involvement

## University of Alberta Open House Jan. 2016

* Readily answered high school students’ questions about the Bachelor of Science Program
* Engaged prospective students in an experiment demonstration and educational conversation
* Proudly represented the University of Alberta and advocated for the Bachelor of Science program

## University of Alberta English Language Bridging Program Sept. 2015

* Assisted with the creation of a video explaining international student life in Canada
* Advocated for the University of Alberta Language Bridging Program

# Technical Skills & Abilities

|  |  |  |
| --- | --- | --- |
| * Crystallization * Titration, Glove box * Medium preparation * Preparation and use of TLC   Plates   * ISE * HPLC * ICP | * Collection of NMR and IR spectroscopy * Distillation and Rotovap * Isolation reaction byproducts * LC-MS * GC-MS | * Multi-step synthesis * Operation of organic/aquatic separation reactions * Collection of UV/Laser spectrums * AAS * GC |

* Computer Skills: MS Office suite, MAPLE, MATLAB, ORCA and GAUSSIAN Software