

# Xiaowen Zhang (EIT)

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## OBJECTIVE

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Seeking an full time position in environmental and chemical related analysis or applications to leverage my academic and professional experience.

## SUMMARY

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- M.S. in Environmental Engineering with 2-year experience in sample monitoring, model designing and wastewater treatment plants designing
- Experienced in environmental impact assessment redacting
- Mastered techniques in air quality monitoring and modeling
- Quick learner/Experiment skills, data analysis, proposal/technical report writing and presentation skills

## EXPERIENCE

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### Environmental monitoring lab of Jiamusi Environmental Protection Agency

China

Sample Monitor

June.2013-July.2013

- Quantified air pollutant emissions through sampling analysis and modeling
- Recorded Air Quality Index data by AccuGlobe and ArcGIS
- Monitored environment including sewage, exhaust, solid waste, noise, and radioactivity.

### Environmental science lab of Harbin Normal University

China

Research Assistant

Oct.2011-Nov.2011

- Performed wastewater sampling, analyzed turbidity, chromaticity, pH, alkalinity, ammonia nitrogen, COD, metal of samples using turbidimetry, platinum-cobalt method, ASS and CVASS
- Analyzed as the routine laboratory assignments
- Water treatment design of filtration, softening, and disinfection processes
- Completed the thesis of the *An Exploration and Study on the Experiment Courses Reform of Environmental Monitoring*

### Environmental Science Institute of Harbin Normal University

China

Environmental impact assessment

July.2011 –Sep.2011

- Estimated project budget, investigated and analyzed background information of evaluation objects
- Surveyed the local of construction and collected data, analyzed the collected data and input data
- Accomplished Environmental Impact Assessment report for client

## EDUCATION

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### Illinois Institute of Technology

Chicago, IL

Master, Environmental Engineering, GPA: 3.62/4.0

May, 2014

### Harbin Normal University

Harbin, CN

Bachelor, Resources Environment and the Management of Urban and Rural Planning, GPA: 3.4/4.0

June, 2012

## SKILLS

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- **Software:** ArcGIS, Caline4, AERMOD, AutoCAD, MINTEQ, Microsoft office (Excel, Word, PowerPoint)
- **Languages:** English, Mandarin Chinese

## CERTIFICATIONS

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### NCEES Engineer-in-Training (E.I.T.)

Certification NO.1488629

Apri,2014 – present