

# Mingming Gui



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## Education

### University of Illinois – Urbana Champaign

Champaign, IL

Bachelor of Science in Civil Engineering

August 2015 – May 2017

Minor in Philosophy

Cumulative GPA: 3.82

Honors: James Scholar, Dean's List Fall 2015, Dean's List Spring 2016

### Drexel University

Philadelphia, PA

Transferred from Bachelor of Science in Environmental Engineering

Sept 2013– June 2015

Cumulative GPA: 3.76

## Work Experience

### Philadelphia Water Department

Philadelphia, PA

*Industrial Waste Unit- Engineering Co-op*

Sept 2014 – March 2015

- Performed data entry, retrieval and evaluation, assisted with research into industrial waste, industrial pretreatment, and water quality and related environmental issues
- Assisted with inspections of industrial and commercial facilities, and participated in development of computer applications related to pretreatment, surcharge, and other programs

## Engineering Design Project

### Drexel University

Philadelphia, PA

*Programmer*

Jan 2014 – March 2014

- Developed and built a robot to execute the mission of recycling and distinguishing different trash in a hypothetical scenario
- Programmed and modified the computer algorithm for robot searching, recognizing and returning trash to different assigned corner on an arena

*Designer*

March 2014 – June 2014

- Designed a clean, efficient, affordable solar energy based water purification device using science and engineering knowledge for developing countries in Africa
- Built a prototype of solar energy water purification device that can collect solar energy to purify a certain amount of water for daily usage of a family

## Skills

- MATLAB (Advanced)
- Microsoft Excel (Advanced)
- AutoCAD (Intermediate)
- JAVA (Intermediate)
- Python (Intermediate)
- R (Intermediate)

## Activities

Alpha Omega Epsilon, Engineering Sorority, Social Chair

2016 Fall – Present

Water Environment Foundation, Member

2015 Fall – Present

Illini Judo Club, Member

2015 Fall – Present