

Personal profiles: Master of Engineering

Job intension: Environment Engineering

Name: Danhua Zhou **Domicile Place:** Gui Zhou **Date of birth:** 1988.1.28
Major: Civil Engineering **Research area:** Water treatment of nano-biology technology
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Won the **National scholarship** and **first class scholarship**, and was recommended to study in Kyung Hee University (**full scholarship**).

Education Background:

✚	2010.9-2013.2	Kyung Hee University (Top 5)	Civil Engineering	M. S.
✚	2006.9-2010.7	South-central University for Nationalities	Environment Science	B. S.

Research Experience:

- ✚ 2010-2013 Environment department of Korea: **Biogenic NEBT Experiment progresses**
 - ❖ Studied on the **advanced technology**—**Nano-sized biogenic Mn Oxides** and take this **novel adsorbent** to adsorb **heavy metals** and **organic pollutants**.
 - ❖ This technology greatly **enhances the efficiency** of water treatment, and I in charged of the **yearly project report**.
- ✚ Attended several **international conferences**, made several **presentation** and **posters**
 - ❖ **KSEE** (Korea of society environmental engineering), **Oral presentation**.
 - ❖ **IWA** (International Water Association, Tokyo, Japan, 2011), **Poster**.
 - ❖ **CESE**(Challenges in Environmental Science and Engineering, Melbourne, Australia, 2012), **poster**.
- ✚ Manuscript Submitted to the **SCI Journal (Bioresource Technology, IF=5.352)**, (**First author**, 2012)
 - ❖ Heavy Metal Adsorption with Biogenic Manganese Oxides Generated by *Pseudomonas Putida* Strain MnB1.

Social Practice:

- ✚ 2010-2012 **Introducing Chinese culture to the orphan in Korea, helping Korean elementary students learning English, teaching Chinese** to Korean as a private tutor. (**mainly using English, Korean and Chinese**)
- ✚ 2007-2010 **Class monitor**, once lead the class won the “**Best organization award**” in the Field team competition in Science and Technology Culture Festival. And I myself won the “**Outstanding student cadre**”.
- ✚ 2008 applied summer **research project** for undergraduate student **and organized the study group accomplished the experiments** and published a research paper in <Technology & Development of Chemical Industry>.
- ✚ 2008 organized a team to take part in the “**Drive to Green**” venture capital scheme constant, **lead** the team to accomplish the “**Waste water purifying membrane**” **original business planning book**.
- ✚ Put my creative idea into practice made “**The man-pack device of photocatalysis**” and won the “**Innovation expert**” in 2009.

Specialized Skill:

- ✚ English Certifications (**CET 4: 545、 CET 6: 552**); **Fluent spoken English; Excellent communication Skill**.
- ✚ Good at **Korean, fluent** daily communication; Excellent at **Mandarin**.
- ✚ High degree of the courses: environmental **management**, environmental **law**, environmental **optimization**, environmental **impact and evaluation**, **currency and financial** management, **investment analysis**, etc.
- ✚ Good at Computer aided software **such as MATALB, SIGMA PLOT and Microsoft Office**.
- ✚ In charged of physical culture during middle school career, good at swimming, badminton, table tennis.
- ✚ Diligent in thinking, intelligent in summing up, be full of innovation, energy and sense of responsibility.