

# HANIF MUFTIANDY

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## OBJECTIVE

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Seeking an **environmental engineering** position in water/wastewater treatment and solid waste management

## EDUCATION

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King Saud University, Riyadh, Saudi Arabia  
**Master of Science in Environmental Engineering**, July 2012  
GPA 4.14 (scale 5.00)

Courses included:

- Water and Wastewater Treatment
- Biological Treatment Processes
- Solid Waste Management
- Environmental Microbiology
- Environmental Chemistry

Thesis: "Simulation of the Oxidation Ditch Process in Manfouha Wastewater Treatment Plant"

## SKILLS/ABILITY

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- Technical skill to perform water and wastewater analysis according to the Standard Methods for the Examination of Water and Wastewater
- Analytical skill to evaluate and improve the performance of water and wastewater treatment plants
- Computer application using GPS-X software for modelling and simulation of wastewater treatment processes
- Advance knowledge and proficiency in Microsoft Office package (Word, Excel and PowerPoint)
- Excellent command of English (TOEFL score 92 on internet based test, equivalent to 580 on paper based test)
- Tolerant and flexible, adjusts to different situations
- Accuracy and attention to details

## WORK EXPERIENCE

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### Research Assistant, 2007-2012

King Saud University, Riyadh – Saudi Arabia

- *Collecting data and samples from water/wastewater treatment plants*
- *Conducting water/wastewater analysis*
- *Analyzing the performance of the treatment plants*
- *Performing computer simulation for the treatment processes*
- *Preparing report for research projects*

### Junior Civil Engineer, 2005-2007

EMP Kangean Ltd., Bali – Indonesia

- *Supervising the civil works during the development of oil treatment facility*
- *Preparing the progress report on site and proceed it to the senior engineer at the main office*

### Property Appraiser, 2004-2005

PT. Inti Utama Cahaya Perkasa, Medan – Indonesia

*Estimating the approximate value of properties and other assets that will be used by the owner as guarantees to get a loan*