

Y O U L U

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EDUCATION

- M.S. Mechanical of Engineering, University of New Orleans, N.O.L.A. 2012
- B.S. Engineering of Science, Central South University, China, 2009

RESEARCH BACKGROUND

Master thesis: ' Computational Scheme Guided Design of a Hybrid Mild Gasifier'

- Focus on coal devolatilization rate control; refer to thermal flow behaviors and particle chemical reactions study, based on Eulerian-Eulerian multiphase flow model.

PROJECTS INVOLVED

- Coal gasification simulation in mild gasifier
- Experimental design of hydrodynamic model of mild gasifier
- Different coal devolatilization models study in entrained-flow gasifier

WORK EXPERIENCE

Clean Power & Energy Research Consortium Conference, *Research Assistant* 2011~2012

Zlight Technology LLC., *Technical Support* 2010~2012

- Taking care of, mainly, warehouse work including, electrical circular maintenance & installation for LED signs, bulbs, channel letters
- Computer design channel letter layouts for distributors, such as Graphic Solution Group (GSG).

SOFTWARE SKILLS

Ansys Fluent & ICEM, Tecplot 360, SolidWorks, Abaqus, Hypermesh.

PROGRAMMING ABILITIES

C++, SAS