CURRICLUM VITA

## PERSONAL DATA

Name: Reda Zein Korany Hussein

Present Position: Teaching Assistant

Affiliation: Chemical Engineering Dept. Faculty of Engineering. Cairo University

Field of Specialization: Transport Phenomena

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Date of Birth: 14 April 1988

Nationality: Egyptian

## ACADEMIC QUALIFICATIONS

1. B. Sc. in Chemical Engineering
2. M. Sc in Chemical Engineering

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Thesis Title: “Economic Comparison for the Separation of Propane/Propylene Mixture using Distillation and Chemical Absorption Techniques”

#### PROFESSIONAL EXPERIENCE

##### Cairo University, Faculty of Engineering, Teaching Assistant, 2010-

* Petroleum and Petrochemical Engineering Program, Credit Hours System, Faculty of Engineering-Cairo University, Teaching Assistant, 2010-
* STEM Project, Ministry of Education, Students Project Evaluation Team Member, 2013

##### TEACHING EXPERIENCE

1. Undergraduate Courses

* Mass Transfer and Separation Processes
* MATLAB programming
* Polymer Reaction Engineering
* Computer Applications in Petrochemical Engineering
* Engineering Economics
* Multi-Course Project
* Chemical Engineering Lab
* Organic Chemistry Lab
* Engineering Chemistry

**Patents and Publications**

###### "Design of chemical absorption system for the separation of propane/propylene mixture ", IWCPE International Conference, Istanbul, Turkey, August 2014, p.88-103 (with A.F. Nassar and T.M. Mostafa)

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**Area of Research:**

* Mass Transfer and Separation Processes
* Engineering Economics