

# Zhuo Li

24 South Section 1, Ring Road No.1, Chengdu, Sichuan, China, 610065 | toplizhuo@gmail.com | (86) 186-0036-9638

## EDUCATION

### Sichuan University

Chengdu, China

BEng, Process Equipment and Control Engineering

Sept. 2013 – July. 2017 (expected)

- Relevant coursework: Machine Manufacturing, Material Mechanics, Fluid Mechanics, Principles of Chemical Engineering
- Awards: Sichuan University Individual Scholarship, 2014, 2015, 2016; Dongtu Education Research Fund, 2016

## EXPERIENCE

### Laboratory of Functional Materials, Sichuan University

Chengdu, China

#### Research Assistant

Mar. 2015 - present

- Leading the program of Preparation of Nano-Cobalt Powder program by Microemulsion;
- Invented the Liquid-liquid Two Phase Method and found the best combination of reducer in Nano-Cobalt preparation;
- Synthesizing cobalt nanowire by controlling magnetic field.

### Beijing Jozzon Petroleum Equipment Co., Ltd

Beijing, China

#### Product Development Assistant

July - Sept. 2014

- Designed drawings about derrick by *SolidWorks*;
- Participated in the Rack Pumping Unit program and proposed key adjustments to the structural improvement of the rack pumping unit

### Beijing Dongshun Bowang Petro-Machinery Co., Ltd

Beijing, China

#### Administrative Assistant

July - Sept. 2015

- Modified drawings of former facility and converted the electronic controlling system;
- Organized the technical meeting of Grinding Rail Equipment and made a presentation about Eccentering Machinery;
- Monitored communications with Latin American, providing potential clients with pricing information and offering online consultation.

### Dongshun Bowang (Cang Zhou) Petro-Machinery Co., Ltd

Cangzhou, China

#### Assistant Engineer

Jan - Mar. 2016

- Tracked the manufacturing process of Abrasive Belt Equipment for Grinding Rail;
- Ensured smooth communications between workers and engineers;
- Managed eight workers to install the abrasive belt.

## PUBLICANTION & PATENT

### Adjustable Rack and Pinion Pumping Unit

ZL 2014 2 0400005.9; Weilin Shao, Zhuo Li, Jiajun Xu, Shujun Huang.

Utility Mode Patent, China

Authorized: Jan. 14, 2015

### Abrasive Belt Equipment for Grinding Rail

CN 105178122 A; Qingyi Li, Zhuo Li.

Invention Patent, China

Published: Dec. 23, 2015

### Abrasive Belt Equipment for Grinding Rail

ZL 2015 2 0790533.4; Qingyi Li, Zhuo Li.

Utility Mode Patent, China

Authorized: Feb. 10, 2016

### Method of Nano-Cobalt Powder Preparation by Liquid-liquid Two Phase

CN 105880625 A; Qin Long, Zhuo Li, Yunjia Gan, Zexue Wang, Kenan Xie.

Invention Patent, China

Published: Apr. 24, 2016

### Preparation of Nano-Cobalt Powder by Liquid-liquid Two Phase Method

(in preparation)

### The Journal of Alloys and Compounds

Zhuo Li, Qin Long, Zexue Wang, Yunjia Gan, Kenan Xie.

## LEADERSHIP

### Fly Over the Ocean Association, Sichuan University

Chengdu, China

#### President

May. 2014 – May. 2016

- Obtained sponsorship from XIANGFEI Globe Education Group;
- Hosted the CEO of Ascend International to give a seminar;
- Hosted Amy Henderson, a HR of PwC, Doc. Curtis McDonald in Carolinas HealthCare System to give a seminar.

## SKILLS

**Software:** Matlab, SolidWorks, AutoCAD, Aspen Plus, CADWORX Multiphysics, Photoshop

**Debate:** Sichuan University Freshman Debate, Runner-up, Best Speaker