

Zheng Mengxin

Website:mxzheng.github.io
zhengmx95@gmail.com | 178 6516 9886
Qianfo Rd. Jinan, China

EDUCATION

SHANDONG UNIVERSITY

BS IN MATERIALS SCIENCE

Expected June 2018 | Jinan, China
Dean's List (All Semesters)

Cum. GPA: 3.24 /4.0
Major GPA: 3.46 / 4.0
Rank : 16th (All Semesters)

RELATED COURSE

Applications of Linux
Discrete Mathematics
Engineering Training
Engineering Design

PROJECTS

COURSEWORK

DRAW AND GUESS

A game in PC based on Java, one player draws something according to the rule, others guess what it is. Finished independently.

DESIGN GEAR REDUCER

Design single-stage cylindrical gear reducer with CAD tool.

COMPETITION

ADVENTURE ISLAND

A RPG game in Android.
Responsible for collision detection, gravity sensor and map tile drawing
SMART HOME

A smart platform used in home can be connected with your smartphone's APP. You can monitor the indoor temperature and humidity and remotely turn on/off washer.

SKILLS

PROGRAMMING

Good level

CAD• Linux•JAVA• Matlab •Origin

Intermediate

Circuit Design Suit 13.0 •
Photoshop • CAXA •Latex

RESEARCH

SHANDONG UNIVERSITY | RESEARCH ASSISTANT

May 2016 - Present | Jinan, China

- Supervised by Prof. Feng Dang.
- "Fabrication of CaBi2Nb2O9 Ferroelectric thin film at low and temperature"
First Author. Publication submitted to RSC advances.
- Implement a better way to produce outstanding performance and also an environmentally friendly lead-free ferroelectric thin films.

SHANDONG UNIVERSITY |RESEARCH ASSISTANT

Oct. 2015 - 2016 | Jinan, China

- Supervised by Prof. Aimin Li.
- Fabrication of Pure-ceramic Dental Zirconia Material.
- Change the existed fabrication methods, get pure-ceramic zirconia materials with excellent performance.

INTERNSHIP

Komatsu Ltd | Team Leader

July 2016 – Sept. 2016 |Jining, China

Master the technology of manual arc welding, know about KSC's Excavator assembly line

Jingdezhen Redleaf Ceramics Company | intern

Sept. 2017 – Oct. 2017 | Jiangxi, China

Get the technology of glaze burning and make ceramic bowls and plates

STREAMVIS

DESIGN OF SINGLE STAGE CYLINDRICAL GEAR REDUCER

June 2015 – Sept. 2016 | Jinan, China

The material workshop conveys cold material belt conveyer, the motor is driven by a decelerating transmission device, which consists of single-stage gear reducer with other transmission components. The belt conveyor is equivalent to two shifts per day, and the working life is 5 years.

AWARDS

Mar. 2016 top 30/1000

Aug. 2015 National

Jan. 2015 Provincial

Dec. 2014 National

Nov. 2014 National

Nov. 2014 top 1/350

Sept. 2014 top 6/80

Third Prize, National English Competition

Second Prize, Shenzhen Cup Comp. of Math. Modeling

Outstanding Volunteer of Jinan

First Prize, 12th Qilu National Software Contest

National Scholarship recipient

Outstanding Student In Shandong University

Outstanding Director in Student Union

SOCIETIES

2017 team leader

2016 volunteer

2015 volunteer

2014 director

Investigate traffic jams in parts of China

Teach children of migrant workers

Meet at Shandong University, innovate our future

In charge of academic activities in Student Union