

Luzhe Huang

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Education

CHU KOCHEN Honors College, Zhejiang University, Hangzhou, China

Sep 2015 - Present

- Major: Opto-Electronics Information Science and Engineering; Minor: Statistics

- Main Course

Electromagnetic Waves and Fields; Physical Optics; Applied Optics; Probability Theory; Mathematical Statistics

- GPA : 3.96/4.0 (91.87/100)

- Rank : 1% (three year)

Achievements

• National Scholarship	Oct 2016
• The First Prize Scholarship	Oct 2016
• The First Prize of National Mathematic Contest	Oct 2016
• The First Prize of Physics Innovation Contest in Zhejiang Province	Dec 2016
• Honorable Mention of MCM/ICM	Jan 2017
• MATLAB Innovation Award (Special Award) in CUMCM (China Undergraduate Mathematical Contest in Modeling)	Sep 2017
• National Scholarship	Oct 2017
• CHU KOCHEN College Innovation Scholarship	Nov 2017

Research Projects

Interests: Computational Imaging, Machine Learning

Non-line of sight imaging with improved methods

May 2017 - Present

- Mentor: Prof. Yonghang Shen, director of Institute of Optoelectronic Technology, Zhejiang University

Imaging through ground glass

Feb 2018 - Present

Generation and application of adaptive Bessel beam**July 2018 - Aug 2018**

- Mentor: Prof. Jixin Cheng, Moustakas Professor in Photonics and Optoelectronics, Boston University

Auto-classification of regions in OCT-Angiography images**June 2018 - Now**

- Mentor: Prof. Peng Li, Zhejiang University

Publication

- L. Huang, T. Fang, Q. Shuai, Calibration and Imaging of a CT System, Chinese Journal of Engineering Mathematics. Vol. 34, Supp.1, 2017.

Skills and Certificates

- TOEFL iBT : 102 (S20)
- GRE: V153+Q170+AW3.5
- Experienced in MATLAB, Python, R

Experience**PAPIC of Zhejiang University****Sep 2015 - Jun 2016**

Public Relation Department

Zhejiang University**Oct 2016 - Jan 2017**

After-school tutor of calculus, awarded as Excellent Tutor

Hong Kong University of Science and Technology**Jul 2017 - Jul 2017**

SENG Summer Camp for Elite Students

Boston University**Jul 2018 - Aug 2018**

Summer Research Intern