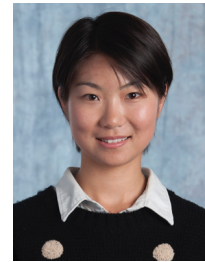


# Renjun Zhu

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## Contact Information

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*website:* <https://vickcul.github.io/>

## Education

**University of Notre Dame, IN**  
Ph.D. in Applied Computational Mathematics and Statistics, Fall 2018-Present  
**University of Melbourne, Australia**  
Exchange, Spring 2018  
**University of California, Berkeley, CA**  
B.A: Mathematics; Statistics, Fall 2015-Sum 2018  
**University of Oxford, Lincoln college, UK**  
Study Abroad, Spring 2015  
**Pasadena City College, CA**  
A.A. (Summa Cum Laude): Natural Science, Fall 2012-Sum 2015

## Interest

Algebra, Discrete math, Combinatorics, Probability, and Data analysis

## Conference & Talk

- Presenter, Joint Mathematics Meeting(JMM), Atlanta, GA, Jan. 2017  
Topic: Mixing Time of Generalized Rook's Walk
- Presenter, Nebraska Conference for Undergraduate Women in Mathematics (NCUWM), Lincoln, NE, Feb. 2017
- Northern California Undergraduate Conference, Sonoma, CA, Mar. 2017
- Presenter, Miller Scholar Meeting, Berkeley, CA, August 2016  
Topic: Prediction of Oscar Best Picture Award

## Awards & Honors

- Benjamin A. Gilman International Scholarship for Exchanged Program at
- University of Melbourne, 2017-2018
- George A. Miller Scholarship for Undergraduate Research, Berkeley 2015-2017
- The Collin Lai and Susan Hum Merit Scholarship for Academic Excellence, October 2015
- Mathematics Engineering Science Achievement(MESA) Recognition, June 2015
- Honors for Superior Achievement in Mathematics and Economics, May 2015
- Hixon Teacher preparation Scholarship, April 2015
- Robert Westerbeck Scholarship, December 2014
- Pacific Asian American Scholarship for Perseverance, December 2014

Research  
Experience

- Willamette University Research Experiences for Undergraduates(REU), researcher, Summer 2016
- Berkeley Undergraduate Research Apprentice Program(URAP), research assistant(coding), Spring 2016
- George Miller A. Scholarship for Undergraduate Research, independent researcher, Summer 2015-Spring 2017
- Missouri State University(REU), researcher, Summer 2017

Paper &  
Publication

- *Mixing Time of the Generalized Rook's Walk* (submitted to Mathematics Magazine)
- Prediction of Oscar Awards Winning
- *A Generalized Framework for Studying Finite Rainbow Configuration* (submitted)
- Frames

Computer  
Skills

- **Programming:** R, Matlab, Python
- **Design:** Photoshop, Illustrator, LaTeX

Work  
Experience

**University of California, Berkeley**

- Math tutor(calculus, probability, discrete math), Aug.2015-Aug.2016
- Human Resource Assistant, September 2015-January 2016

**Pasadena City College**

- Statistics leading tutor(Statistics), Fall 2012-Fall2014

**Restaurant**

- Server, Cafe Fusion, May 2013-January 2014
- Server, Boiling Point, August2012-January 2014
- Server, Younique Cafe, April 2011-May-2012

Volunteer  
Experience

- English Phonics Instructor, Upward Bound, Monterey Park,CA. 2014-2015
- Voiceover and Translator, Sunrise Foundation, web, 2013-present
- Research Poster representative: Cal Day, April 22th, 2017

Others  
Activities

- Dance: Ballet, Jazz, Zumba
- Music: Piano, Guitar
- Swimming
- Gardening