

# Qiuyu Chen

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## EDUCATION

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- East China Normal University**, Shanghai, China 09/2021-07/2024  
- Master of Science in Mathematics Education; GPA: 3.84/4.0
- East China Normal University**, Shanghai, China 09/2017-07/2021  
- Bachelor of Science in Mathematics and Applied Mathematics; GPA: 3.66/4.0

## PUBLICATION

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- How Is Educational Gamification Represented in School Curriculum? An Investigation of Chinese Secondary Mathematics Textbooks** 02/20/2023  
Publisher: Sustainability(ISSN 2071-1050) 2023, 15(4), 3830  
Authors: Lianghuo Fan, Lingzhu Li, Qiuyu Chen, Na Li.  
Link: <https://doi.org/10.3390/su15043830>
- Viewing Mathematics Teacher Educators and their Research Methods from TSG-35 of ICME-14** 07/19/2022  
Publisher: SHUXUE JIAOXUE (ISSN 0488-7387)  
Authors: Lingzhu Li, Qiuyu Chen.
- The Challenges and Countermeasures of Online Teaching for High School Mathematics Teachers — A Survey of Teachers in Shanghai and Jiangsu Province During the Pandemic** 06/07/2021  
Publisher: Shanghai Teachers  
Authors: Qiuyu Chen, Lianghuo Fan.

## HONORS & AWARDS

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- First-class Scholarship of Publishing Wisdom Scholarship**, East China Normal University 10/2022
- Outstanding Graduate of Shanghai**, Shanghai Municipal Education Commission 05/2021
- Third-class Scholarship for Outstanding Students in 2019-2020 Academic Year**, East China Normal University 12/2020
- Third-class Scholarship for Outstanding Students in 2018-2019 Academic Year**, East China Normal University 12/2019
- The Second Prize of the Undergraduate Group of the National Mathematical Contest in Modeling for College Students in Shanghai**, Shanghai Municipal Education Commission 12/2019
- The Third prize of Mathematics Class A in the 11th Shanghai Mathematics Competition for College Students (Higher Education Community Cup)**, Shanghai Mathematical Society 11/2019
- The Third prize of the 11th National Mathematics Competition for College Students (Mathematics A)**, Chinese Mathematical Society Popularization Working Committee 11/2019
- The First Prize in the Essay Contest of the "Understanding China" Activity**, Working Committee for Caring for the Next Generation of East China Normal University 11/2019
- Third-class Scholarship for Outstanding Students in 2017-2018 Academic Year**, East China Normal University 12/2018

## PROFESSIONAL EXPERIENCE

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- Teacher of Mathematical Modeling**, Shanghai Mingzhi Education Technology Company 10/2020-Present
- Developing mathematical modeling textbooks and courses;
  - Responsible for the teaching of the mathematical modeling course;
  - Leading students to take part in American junior high school Mathematical Modeling Contests.

## PROJECT EXPERIENCE

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- Research Assistant, The Comparison of Procedural Flexibility between Chinese Textbook and American Textbook** 03/2023-Present
- Supervised by Professor Fan Lianghuo, and Professor Jon. R. Star (Harvard University)
  - Studying the Chinese version of elementary and middle school Math textbooks and the American version of Go Math elementary and middle school textbooks;
  - Carrying out the textbook coding according to the original framework;
  - Supplementing and adjusting the original framework.
- Teaching Assistant, Mathematics Education Research and Thesis Writing Courses** 02/2023- 06/2023
- Supervised by Professor Fan Lianghuo;
  - Assisting with course development such as collecting course materials and designing the teaching process ;
  - Videotaping the course-taking process in class.
- Research Assistant, Research on Experiment and Evaluation of Mathematics Textbooks in Shanghai High School** 10/2022-03/2023
- Supervised by Professor Fan Lianghuo;
  - Organized materials for ethical review;
  - Interviewed participated teachers and students in junior high schools.
- Research Assistant, Chinese Students' Access, Use and Perceptions of ICTs in Learning Mathematics: Findings from an Investigation of Shanghai Secondary Schools** 11/2020-02/2021
- Supervised by Professor Fan Lianghuo;
  - Assisted the teacher to collect, type in and analyze data via questionnaires and interviews by SPSS;
  - The program thesis was published on *ZDM-Mathematics Education*.

## LEADERSHIP & ACTIVITIES

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- Student Visitor**, Overseas Study Tour in the National University of Singapore 07/2019-08/2019
- Advisor**, Middle Mathematical Contest In Modeling 02/2021 & 02/2022
- One of the Leaders of ECRD Workshop & Topic Study Group Volunteer**, The 14th International Congress on Mathematical Education (ICME-14) 06/2021
- Team Member**, Sunshine Sports Badminton 04/2018
- Volunteer**, China (Guangzhou) International Documentary Festival Golden Rouge Film Exhibition 2018 University Tour Exhibition—East China Normal University Exhibition Activity 04/2018
- Director**, Guanghua News Agency of East China Normal University 09/2018-07/2019
- Rights and Interests Committee**, East China Normal University 09/2017-07/2018
- General Secretary**, Guanghua News Agency of East China Normal University 09/2017-07/2018

## HOBBIES & SKILLS

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Fond of playing the zither (the 10<sup>th</sup> level certificate), playing badminton, and photography.  
Skilled in office software including Word, Excel, and PowerPoint.  
Familiar with Python and SPSS.