

Curriculum Vitae

Zhuo Chen

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Department of Mathematics
Graduate Interdisciplinary Program in Statistics and Data Science
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Education

- **Doctor of Philosophy**; Statistics; University of Arizona (UA); Tucson, AZ, 2019-Present.
- **Master of Science**; Mathematical Sciences - Statistics Track; University of Minnesota Duluth (UMD); Duluth, MN, 2017-2019.
- **Undergraduate Visiting Program**; University of Minnesota (UMD); Duluth, MN, 2016-2017.
- **Bachelor of Management**; Business Administration; Dongbei University of Finance and Economics (DUFE); Dalian, China; 2013-2017.

Experience

- **Graduate teaching assistant**; Department of Mathematics, University of Arizona; Tucson, AZ; 2023-Present.
- **Graduate research assistant**; BIO5 Institute, University of Arizona; Tucson, AZ; 2022.
- **Graduate teaching assistant**; Department of Mathematics, University of Arizona; Tucson, AZ; 2019-2021.
- **Graduate teaching assistant**; Department of Mathematics and Statistics, University of Minnesota Duluth; Duluth, MN; 2017-2019

Teaching

- Teaching assistant; MATH 564 “Probability Theory”; UA, 2023-Present.
- Teaching assistant; MATH 263 “Introduction to Statistics and Biostatistics”; UA, 2020-2021, 2023.
- Teaching assistant; MATH 112 “College Algebra”; UA, 2019-2020.
- Teaching assistant; MATH 3928 “Calculus III”; UMD, 2018-2019.
- Teaching assistant; MATH 3280 “Differential Equations with Linear Algebra”; UMD, 2018.
- Teaching assistant; MATH 1297 “Calculus II”; UMD, 2017.

Awards and Honors

- Outstanding Graduate Teaching Assistant, UMD, April 2019.
- Summer Research Fellowship, UMD, June 2018.
- Harry T. Case Memorial Scholarship, UMD, February 2017.
- The State Scholarship Fund, The China Scholarship Council, August 2016.
- Academic Scholarship, DUFE, 2014, 2015, 2016.

Service

- Secretary of the Mu Sigma Rho Chapter at the University of Arizona, 2022-Present.
- Volunteer at the 32nd Midwest Conference on Combinatorics and Combinatorial Computing, UMD, 2018.
- External staff at the World Economic Forum Annual Meeting of New Champions, Dalian, China, 2015.
- Teacher in the *Dare to Dream* Education Aid Program, Hefei, China, 2015.
- Teacher in the *Care for Autism* Special Education Program, Dalian, China, 2015.

Publications

- Bhadani R, **Chen Z**, An L. Attention-Based Graph Neural Network for Label Propagation in Single-Cell Omics. *Genes (Basel)*. 2023 Feb 16;14(2):506.
- Zhang X, **Chen Z**, Bhadani R, Cao S, Lu M, Lytal N, Chen Y, An L. NISC: Neural Network-Imputation for Single-Cell RNA Sequencing and Cell Type Clustering. *Frontier in Genetics*. 2022 May 3;13:847112.