Ray Qu

Ray.Qu@rice.edu

EDUCATION

Rice University

Ph.D. in Computational and Applied Mathematics   Aug 2022 - Present
Advisor: Dr. Jesse Chan
GPA: 4.0/4.0
Expected graduation: Spring 2027

University of North Carolina at Chapel Hill   Aug 2018 - Aug 2021
B.S. Statistics and Analytics; B.S. Mathematics - Applied Option
GPA: 3.96/4.0, Highest Distinction

RESEARCH INTERESTS

Numerical Methods, Physical Math

PUBLICATION

(in prep) Kuramoto spintronics. Qu, R., Edwards, M.V., Turton, S. E., Rosales, R. R., Sáenz, P. J.

EXPERIENCE

Teaching experience:
CMOR 302 Matrix Analysis (Fall 2023, Teaching Assistant)
CAAM 382 Stochastic Models (Spring 2023, Grader)
CAAM 378 Intro to OR and Optimization (Fall 2022, Grader)

Physical Math Lab (pml.unc.edu)   Oc 2019 - Aug 2022
Undergraduate & Postbac Research Assistant
Advisor: Dr. Pedro Saenz
Studied active spinwaves in hydrodymanic spin lattices (HSLs) with theoretical development and numerical experiments.

HONORS AND AWARDS

UNC 2021 Summer Graduation Scholarship

CONFERENCE AND TALKS

2023 Finite Element Rodeo (Texas A&M, College Station, TX)   Mar, 2023
SIAM TX-LA 5th Annual Meeting (University of Houston, Houston, TX)   Nov, 2022

PROFESSIONAL SKILLS

Julia, MATLAB, R, Python, Java, Mathematica