

# Jing Guo

## Curriculum Vitæ

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### Research Interests

Extremal Combinatorics, Graph Theory, Probabilistic Methods, Algorithms, and Applications to Theoretical Computer Science

### Education

2016–2020 **B.S. in Mathematics, with Minor in Computer Science**, *University of Utah*, Salt Lake City, UT.

Spring 2019 **Budapest Semesters in Mathematics**, Budapest, Hungary.

Fall 2018 **Math in Moscow**, *Independent University of Moscow*, Moscow, Russia.

### Professional Experience

Sep. **Undergraduate Researcher**, *School of Computing*, University of Utah.

2019–April Mentor: Dr. Blair D. Sullivan

2020 Improving Odd Cycle Transversal and Vertex Cover with turbo-charging Fixed-Parameter Tractable subroutines

### Professional Activities

2018 **The Racket Summer School**, Salt Lake City, UT.

### Media

Math Dept. Learning Abroad: Adventures in Eastern Europe and Russia

### Skills

Programming Python, Java, Racket/Common Lisp, C/C++, Haskell, and  $\text{\LaTeX}$

Languages Chinese (Native), English (Fluent), and Russian (Elementary)