

Charles Wang

Personal Information

- Address: 1959 Fields Pond Drive
Marietta, GA, 30068
- Email: charles.wang@gatech.edu
- Date of Birth: 19 Oct. 1993
- Citizenship: United States
- My Website (foxflo.github.io)
- My Github (github.com/foxflo)

Education

- **Georgia Institute of Technology**, Atlanta, Georgia
Expected graduation: May 2017
Overall GPA: 3.97
 - **B.S.** Math
 - **B.S.** Computer Science: Theory and Intelligence
 - **B.S.** Chemistry
- **Budapest Semesters in Mathematics**, Budapest, Hungary
Spring 2016

Publications

- Fatemeh Mohammadi, Caroline Uhler, Charles Wang, and Josephine Yu; *Generalized Permutohedra from Probabilistic Graphical Models*; Submitted. (preprint)
- Charles Wang and Josephine Yu; *Toric h -vectors and Chow-Betti numbers of Dual Hypersimplices*; in preparation.

Awards and Honors

Math

- President's Undergraduate Research Award (2016)
- Scored **28** (top 500) on Putnam exam (2014)
- Scored **10** on Putnam exam (2013,2015)

Misc.

- National Merit Scholarship (2012-present)
- Zell Miller Scholarship (2012-present)
- Siemens Award for A.P. (2012)

Chemistry

- Undergraduate Award in Analytical Chemistry (2015)
- William M. Spicer Scholarship in Chemistry (2015)
- William M. Spicer Outstanding Senior Award in Chemistry (2014)
- Hypercube Scholar (2014)

Conferences and Workshops Attended

- Triangle Lectures in Combinatorics (Nov. 19, 2016)
- Topological Approaches to Algebra and Arithmetic Geometry (Sept. 2-4, 2016)
- Summer Workshop in Algebraic Geometry (Aug. 26-29, 2016)
- Summer School in Real Algebraic Geometry and Optimization (July 11-15, 2016)
- Summer School in Algebra, Statistics, and Combinatorics (June 27 - July 2, 2016)
- Summer School in Economics and Tropical Geometry (May 9-13, 2016)

Teaching

- **Grader** for MATH 4107 (Abstract Algebra I), Fall 2016
- **Grader** for MATH 3406 (A Second Course in Linear Algebra), Fall 2016

Skills

Programming Languages

- Python/Sage
- C
- Java

Software

- Polymake
- Mathematica
- Macaulay 2
- gfan