Chen-An (Jack) Chou

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EDUCATION

University of Florida, Gainesville, FL, USA — Aug. 2024 - Present
Ph.D. in Mathematics
Advisor: Zachary Hamaker

University of California San Diego, La Jolla, CA, USA — Sept. 2020 - June 2024
Bachelor of Science in Mathematics
Honor Thesis Advisor: Brendon Rhoades

RESEARCH INTERESTS

Algebraic combinatorics: Schubert calculus, Schubert and Grothendieck polynomials, Castelnuovo-Mumford polynomials, pipedreams, bumpless pipedreams.

PAPERS AND PREPRINTS

[1] *Grothendieck polynomials of inverse fireworks permutations*
   with Tianyi Yu
   https://arxiv.org/pdf/2403.12186
   Submitted

[2] *Constructing maximal pipedreams of double Grothendieck polynomials*
   with Tianyi Yu
   https://arxiv.org/pdf/2312.01250
   The Electronic Journal of Combinatorics Volume 31, Issue 3 P3.15

OTHERS

- UCSD Undergraduate Honor Thesis (Honors with Highest Distinction):
  Three problems on Grothendieck polynomials and pipedreams

TEACHINGS

Department of Mathematics, University of Florida
- MAC2311 Analytic Geometry and Calculus I — Fall 2024