

Eric Lybrand | Curriculum Vitae

✉ elybrand@ucsd.edu • [elybrand.github.io](https://github.com/elybrand) • <https://github.com/elybrand>

Education

University of California, San Diego

Ph.D. Mathematics

San Diego, CA

2015–2020

University of Georgia

B.Sc. Mathematics

Athens, GA

2011–2015

Previous Employment

University of California, San Diego

Academic Student Employee

Graduate Teaching Assistant

Junior Teaching Assistant

CURE Graduate Research Assistant

Graduate Student Researcher

San Diego, CA

October 2015–Present

2015–2018

2017–2018

Summer 2017

Summer 2016

Technical Skills

Programming Languages: Python, Matlab, Mathematica, LaTeX

Other: Proficient Spanish speaker.

Professional Activities

UCSD Graduate Student Association

Finance Committee

Reviewer

IEEE Statistical Signal Processing Workshop

2017–2018

Awards and Honors

UCSD Senate Research Grant

James B. Ax Graduate Fellowship

Coursera Machine Learning Statement of Accomplishment

Presidential Scholar

Eagle Scout

Spring 2017

2015–2016

2015

2014–2015

2008

Presentations

Compressed Sensing and Random Matrices. UCSD Graduate Student Seminar

Deterministic Models for Topoisomerase II. UCSD Graduate Student Seminar

An Introduction to the Calculus of Variations. UGA Undergraduate Student Seminar

Understanding Topology via Differential Forms. UGA Undergraduate Student Seminar

January 2018

February 2017

April 2014

January 2014

Publications

- [1] H. Huang, T. Kemp, Y. Ling, X. Luo, E. Lybrand, R. Smith, and J. Wang. Random Matrices with Independent Diagonals. *preprint*.
- [2] E. Lybrand and R. Saab. Quantization for Low-Rank Matrix Recovery. *ArXiv e-prints*, September 2017.