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Education

University of California, Los Angeles

2012-Present

Ph.D in Mathematics

Advisor: Andrea Bertozzi, Jocelyn Chanussot

Advanced to Candidacy: June 13, 2017

Expected Graduation: May, 2018

University of Michigan

2008-2012

B.Sc in Mathematics, With Honors

Awarded: March 2012

Publications and Preprints

A Graph-Based Approach for Feature Extraction and Segmentation in Multimodal Images

Accepted in the ICIP conference, Beijing, Sept. 2017

Machine Learning for Cardiac Ultrasound Time Series Data

SPIE: <http://proceedings.spiedigitallibrary.org/proceeding.aspx?articleid=2612408>

Maas Waveforms and Low-Lying Zeros

Arxiv: <https://arxiv.org/abs/1306.5886>

Low-Lying Zeros of Cuspidal Maas Forms

Arxiv: <https://arxiv.org/abs/1111.6524>

Generalized More Sums Than Differences Sets

Arxiv: <https://arxiv.org/abs/1108.4500>

Find and Counting MSTD Sets

Arxiv: <https://arxiv.org/abs/1107.2719>

Programs

SMALL Undergraduate Research Project

Summer 2011

Williams College, Advisor: Steven J. Miller

Teaching

UCLA Teaching Assistant 2012-2017

MATH 131B (Analysis)	Winter 2014
MATH 131A (Analysis)	Fall 2013
MATH 115AH (Honors Linear Algebra)	Fall 2014, Spring 2016, Fall 2016
MATH 115A (Linear Algebra)	Winter 2014, Spring 2014, Summer 2015, Fall 2015
MATH 31B (Calculus)	Summer 2014, Spring 2015
MATH 31A (Calculus)	Winter 2015
MATH 3C (Probability for Life Sciences)	Fall 2014, Spring 2014
MATH 3A (Calculus for Life Sciences)	Summer 2013, Summer 2016
PIC 10A (Intro to C++)	Fall 2015, Winter 2016, Spring 2016
...	Fall 2016, Winter 2017, Spring 2017

Mentorship and Outreach

UCLA Applied Math REU Mentor	Summer 2016
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