

CAZAMERE COMRIE

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ACADEMICS

Cornell University

September 2020 - Present

Doctor of Philosophy in Computer Science

Advisor: Jon Kleinberg

University of California, Davis

September 2015 - December 2019

Bachelor of Science in Computer Science and Engineering

Advisors: Jason Lowe-Power and Xin Lui

PUBLICATIONS

Hypergraph Ego-networks and Their Temporal Evolution

2021

Cazamere Comrie, Jon Kleinberg

ICDM 2021 (Full Paper Acceptance Rate \approx 9.9%)

RESEARCH & PROFESSIONAL EXPERIENCE

Google AI, ML Research Intern

May 2022 - Present

advised by John Palowitch

- Building general information cascade datasets and evaluation protocols.
- Creating novel deep learning model for predicting growth on ensembles of cascades.

Morgan Stanley, ML Research Intern

January 2022 - May 2022

advised by Yuriy Nevnymaka

- Created a temporal graph convolution network to predict future KPI metrics for software engineers at the firm.

Snapchat, ML Research Intern

September 2021 - December 2021

advised by Neil Shah

- Built hypergraph convolutional network model for higher-order set completion tasks on hypergraphs.

Twitter, ML Research Intern

May 2021 - August 2021

advised by Michael Bronstein

- Worked with the GraphML team on a hypergraph simplicial closure prediction task using hypergraph convolutional networks.

Cornell University, Hypergraph Ego-networks

August 2020 - June 2021

advised by Jon Kleinberg

- Applied novel machine learning algorithms to large-scale temporal hypergraph datasets in order to predict how real-world higher-order ego-networks assemble and evolve over time.
- Paper accepted at ICDM 2021.

Lawrence Livermore National Laboratory, Research Intern

May 2020 - August 2020

advised by Peter D. Barnes

Twitter, SWE Intern
supervised by Bryan Bonczek

June 2019 - September 2019

UC Davis, Reinforcement Learning Undergraduate Researcher March 2019 - December 2019
advised by Xin Lui

UC Davis, gem5 Undergraduate Researcher
advised by Jason Lowe-Power

March 2019 - December 2019

HONORS & AWARDS

Cornell Sloan Fellowship	2020
GEM Fellowship	2020
Chevron Corporation Association Scholarship	2018

INVITED TALKS & PRESENTATIONS

<i>Morgan Stanley Research, Hypergraph Ego-networks and their Temporal Evolution</i>	2022
<i>Twitter Research, Hypergraph Ego-networks and their Temporal Evolution</i>	2021

PROFESSIONAL ACTIVITIES

Senator of the Black Engineers Association September 2018 - December 2019

- Organized on-campus recruitment and informational sessions with technology companies focused on diversity and inclusion.