

# Nuda (Tony) Zhang

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## Education

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### University of Michigan

PHD PRE-CANDIDATE IN COMPUTER SCIENCE

Supervised by Manos Kapritsos

Ann Arbor, MI

Aug 2019 - Present

### Cornell University

B.A. IN COMPUTER SCIENCE AND MATHEMATICS

Ithaca, NY

Aug 2015 - Dec 2018

## Peer-Reviewed Publications

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**PODC'20** Brief Announcement: On the Significance of Consecutive Ballots in Paxos,  
*Eli Goldweber, **Nuda Zhang**, Manos Kapritsos*

## Relevant Experience

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### University of Michigan at Ann Arbor

GRADUATE RESEARCHER

- Studying the art of reliable distributed systems, supervised by Manos Kapritsos
- Work on formal verification of distributed systems

Ann Arbor, MI

2019 - Present

### Cornell University

UNDERGRADUATE RESEARCH ASSISTANT

- Work on state machine replication and Byzantine distributed transaction systems, supervised by Robbert van Renesse and Lorenzo Alvisi

Ithaca, NY

2018

### Institute of High Performance Computing

SUMMER RESEARCH INTERN

- Work on cancer cell detection using computer vision techniques

Singapore

2017

## Teaching Experience

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### CS 4820: Introduction to Analysis of Algorithms

TEACHING ASSISTANT

Cornell University

2018

### CS 2110: Object-Oriented Programming & Data Structures

RECITATION INSTRUCTOR

Cornell University

2017 - 2018

## Activities

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### Computer Science and Engineering Graduate student organization

TEA CHAIR

- Organize weekly tea socials, among other service to the graduate student body

University of Michigan at Ann Arbor

2020 - Present

## Association of Computer Science Undergraduates

Cornell University

RESEARCH TEAM LEAD

2017-2018

- Led the Undergraduate Reading Group initiative, focusing on exposing underclassman to seminal research not taught in introductory classes
- Organized campus-wide events such as tech workshops and the semesterly student-faculty luncheon

## Honors & Awards

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2018	<b>Participant</b> , Cornell, Maryland, Max Planck Pre-doctoral Research School	Saarbrücken, Germany
2015-18	<b>Recipient</b> , Dean's List, all semesters	Cornell University
2013-14	<b>National Serviceman</b> , Completed 2 years of full-time National Service	Singapore
2013	<b>Recipient</b> , Singapore A*STAR National Science Scholarship (declined offer)	Singapore
2011	<b>Silver Medal</b> , 24 <sup>th</sup> International Young Physicists' Tournament	Tehran, Iran

## Technical Reports

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**arXiv:2006.01885** On the Significance of Consecutive Ballots in Paxos,  
*Eli Goldweber, **Nuda Zhang**, Manos Kapritsos*