

MICHELLE MAO

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EDUCATION

University of Texas at Austin

GPA:

CNS Service and Leadership Distinction

Texas Academy of Mathematics and Science (TAMS) at UNT

GPA: 3.910 (4 point scale)

August 2017 – May 2020

Graduated with

August 2015 – May 2017

Graduated with Honors

AWARDS AND HONORS

College of Natural Sciences Distinction in Service and Leadership

2019-2020

UT Honors – College Scholar

2019

National Merit Finalist

2017

UNT Undergraduate Research Fellow

2016

National Merit Semifinalist

2016

Texas State Science and Engineering Fair finalist

2016

Lockheed Martin Leadership Award – 1st place; special award at FWRSEF

2016

Fort Worth Regional Science and Engineering Fair – 3rd place Physics Category

2016

UNT Scholar's Day – 1st place poster presentation

2016

ACTIVITIES AND VOLUNTEERING

Austin Speech Labs – *Volunteer*

Jan 2019 – May 2020

Medical City McKinney – *Volunteer*

Jun – Aug 2018; Dec 2018

Physics Research (University of North Texas) – *Research Assistant*

Nov 2015 – Sep 2016

Co-authored in the Journal of Applied Physics. Area: plasmonics.

7 hrs/wk; 24 wks/yr

Shadowing Doctors – *Student Observer*

Dec 2015 – Aug 2016

Learn from an ophthalmologist, a pediatrician, a physician, and an orthodontist.

9 hrs/wk; 8 wks/yr

The Legacy Senior Community – Memory Care – *Volunteer*

May 2015 – present

Care for seniors with memory disorders and lead community activities.

40 hrs

UNT Learning Center Tutor – *Volunteer*

Jan – May 2017; 14 hrs

McNair Elementary Tutoring – *Volunteer*

Jan – May 2016; 22 hrs

Teach and Learn Tutoring – *Tutor/Volunteer* – Calculus I

Sep 2016 – Jan 2017; 7 hrs

WORK EXPERIENCES

Elite Prep Allen – *Administrative Assistant*

May 2019 – Aug 2019,

May 2020 – Aug 2020

UT College of Natural Sciences – *Biochemistry Undergraduate Teaching Assistant*

Jan 2019 – May 2020

UNT/TAMS Summer Math Institute – *Teaching Assistant*

Jul – Aug 2016

Teach geometry students, grade papers, monitor study hall, and assist with recreational activities.

LEADERSHIP

Texas Crohn's and Colitis Initiative – Vice President

2018

TAMS Research Organization

— Competitions Director – connect TAMS students with research

competitions; organize student participation and manage logistics

2016 – 2017

LANGUAGES

English – native language

Chinese – speak, read, and write fluently

Spanish – speak, read, and write with competence