

Allison Dobbins

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Education

University of Michigan, Ann Arbor, MI

August 2022-Present

College of Engineering

GPA: 4.0/4.0

- Expected graduation date: May 2026
- Alumna of CS Kickstart
- Dean's Honor List: Fall 2022, Winter 2023
- William J. Branstrom Freshman Prize
- Tau Beta Pi Engineering Honor Society Electee

University College Dublin, Dublin, Ireland

May-July 2023

Engineering - IPE: BIG 10 STEM and Irish Studies

- Physics 240/241: General Physics II
- Modern Irish History: 300-level Humanities

Martin County High School, Stuart, FL

August 2018-May 2022

GPA: 4.0/4.0

- Geometry Student of the Year 2018-2019
- AP Scholar with Distinction
- MCHS Nominee for Pathfinder Award - Science
- Member of Winning Team, Mu Alpha Theta, at the Indian River State College Math Olympics Competition 2022
- AP Physics C: Mechanics Award 2021-2022
- National Honor Society member

Research Experience

Undergraduate Research Opportunity Program

August 2022-April 2023

Student Research Assistant

AI-Based Author Entity Disambiguation for Promoting Fair Evaluation of Women in Science

- Sorted large scale data sets to accurately find the various names that female scholars are published under
- Trained machine learning algorithms using this data to be able to identify female scholars and all of the names they are published under as singular entities
- Produced a full data set of disambiguated female scholars using the machine learning algorithms
- Measured the productivity of female scholars in the disambiguated data set and compared to male
- Presented my project at the 2023 UROP Symposium

Activities

Society of Women Engineers

August 2022-Present

- Attended meetings to discuss the underrepresentation of women in STEM

Dance

August 2008-Present

- Member (August 2022-Present) and choreographer (October-December 2022) of Dance2XS Michigan
- Co-Teacher of a Collaborative Masterclass between FunKtion and Dance2XS Michigan (April 2023)
- Performer at Detroit Pistons Game (March 2023) and TedxUofM: Glitch (February 2023)
- World Champion (1st place), Dance Worlds (May 2021), Senior Large Hip Hop Group Coed
- National Champion (1st place) for various senior hip hop groups at the following: National Dance Alliance Nationals (January 2021), Power Dance Nationals (March 2021), Spirit Sports Cheer and Dance Nationals (March 2021)
- Assistant to choreographer Kyle Coleman for master classes, conventions, etc. (2018-Present)

Humane Society of the Treasure Coast**May 2020-July 2023**

- Animal Foster earning 1000+ hours taking care of bunnies, guinea pigs, and litters of kittens

Cleveland Clinic**June 2019-March 2020**

- Volunteer for Wound Care Center and Cleveland Clinic Hospital

Leadership Experience

Zeta Tau Alpha**January 2023-Present**

Academic Achievement Committee (2023-Present)

- Oversee study hours, organize academic improvement workshops, celebrate and encourage the continuation of academic achievement

Health Occupations Student of America**August 2018-May 2022**

Vice President (2021-2022)

- Prepared agendas and powerpoint presentations for meetings, made in-person presentations to membership of 100+ on a monthly basis

Secretary (2019-2020)

- Prepared minutes of meetings, sent them to the sponsor, presented them to the membership via zoom

Student Government Representative (2018-2019)

- Attended monthly Student Government meetings and acted as liaison between SGA and HOSA

Sigma Phi Service Fraternity**August 2019-May 2021**

Student Government Representative (2019-2020)

- Attended monthly Student Government meetings and acted as liaison between SGA and Sigma Phi

Work Experience

Starbucks, Palm City, FL**June 2021-August 2022**

Barista

- Worked all positions, including opening and closing shifts, while providing customer service

Ultimate Cheer and Dance, Port Saint Lucie, FL**August 2020-August 2022**

Dance Coach

- Taught ballet, jazz, and contemporary dance to students ages 4-17 years old

Mathnasium, Stuart, FL**June 2021-May 2022**

Tutor

- Provided in-person tutoring services for elementary, middle, and high school students in math subjects