

Dania Ibrahim

Education

Georgia Institute of Technology

BACHELOR OF SCIENCE IN NEUROSCIENCE

Atlanta, Georgia

Aug 2017 - May 2021

- **Research Option**
- **Minors:** Health & Medical Sciences, Middle Eastern Studies
- **Selected Coursework:** Neuroscience of Behavior, Cell & Molecular Neuroscience, Human Neuroanatomy, Methods in Neuroscience, Sensation & Perception, Cognitive Psychology, Bioethics, Research Proposal Writing, Research Assistantship

Extracurriculars

College of Sciences Racial Equity Task Force

UNDERGRADUATE REPRESENTATIVE

Atlanta, Georgia

Jun 2020 - present

- Selected as the sole undergraduate representative to work alongside Georgia Tech faculty and graduate students to make the college more inclusive
- Surveyed hundreds of students at Georgia Tech to compile instances of racial inequity on campus
- Composed a template for a Faculty-Student agreement that graduate students can use to discuss important expectations with their PIs when they join a lab
- Aid in programming proper Diversity and Inclusion training for faculty and students

TEDxGeorgiaTech

EXECUTIVE DIRECTOR

Atlanta, Georgia

Apr 2019 - Apr 2020

- Managed licensing for events and ensure that all aspects match TED license rulings
- Coordinated efforts of 33 team members to put on TEDx events reaching audiences of over 1,000 people per year
- Initiated the first TEDxGeorgiaTech Student Speakers Series to allow student speakers and attendees to more easily share their ideas
- Previously: Community Director (2018) and Speaker Coordinator (2017)

MDJunior at Georgia Tech

CO-FOUNDER AND PRESIDENT

Atlanta, Georgia

Aug 2017 - May 2019

- co-Founded the second college hub in the nation for the organization MDJunior
- Mentored high school students in the 36 existing high school MDJunior chapters in Georgia
- Provided opportunities for community service at Georgia Tech

Youth Group Advisor

UPLIFT

Roswell, Georgia

Dec 2017 - Jun 2019

- Advised a youth council of high school students that plan weekly youth workshops and bi-monthly service events including feeding the homeless, gift drives, clothing drives, etc.
- Created the RCM Service Club
- Previously: President (2017), Event Coordinator (2016)

Palestine Children's Relief Fund Atlanta Chapter Youth Group

CO-PRESIDENT

Atlanta, Georgia

Jun 2017 - present

- Founded and coordinated the "Walk for Their Life" 5k which has now been running for 8 years
- Founded and coordinated the "PCRf Trivia Night" now running annually for 6 years
- Raised awareness to help injured and sick children in the Middle East
- Raised upwards of 9,000 dollars
- Previously: President (2015), Volunteer (2013)

Picnic for Peace

CO-FOUNDER AND EVENT COORDINATOR

Atlanta, Georgia

Oct 2015 - present

- Aided in founding an inter-school interfaith event with the goal of forming longstanding connections and understanding among attendees
- Coordinate the event annually which has brought together over 600 audience members in the past 5 years
- Trained leaders at surrounding religious organizations and schools to put on similar events

Experience

Georgia Tech Housing

Atlanta, Georgia

RESIDENT ADVISOR

Apr 2019 - present

- Address maintenance and personal concerns of residents at Georgia Tech
- Lead weekly programming for housing community engagement
- Act as a diversity representative for all of housing staff and have spoken at numerous staff trainings to upwards of 600 students

Georgia Tech College of Sciences

Atlanta, Georgia

TEACHING ASSISTANT FOR COS 2000: INTRO TO RESEARCH

Jun 2018 - Dec 2018

- Guided a class of 100 Georgia Tech first-years through undergraduate research workshops each week
- Advised 15 EXPLORE LLC students as they navigated their first semester of college

New Student and Transition Programs at Georgia Tech

Atlanta, Georgia

ORIENTATION LEADER

Mar 2018 - Jan 2019

- Guided over 4,500 incoming students, parents, and siblings through activities to welcome them to the Georgia Tech community

Research

Problem Solving Education Technology Lab (PSET)

Dr. Richard Catrambone

Project Lead

RACE IN THE MEDIA

Jun 2020- present

- Supervised a group of graduate and undergraduate researchers on a psychology project determining the impact of language usage in the media on racial bias
- Created a Qualtrics survey manipulating language from existing news sources to determine how racial indicators influence opinion

FACTORS IMPACTING SUCCESS IN ONLINE EDUCATION DURING COVID-19

Mar 2020 - present

- Designed an independent cognitive psychology study determining the impact of schooling changes due to COVID-19 on overall education effectiveness for college students
- Completed a literature review and outlined common factors that affect the learning process
- Assembled a Qualtrics survey to test how a global pandemic has influenced college-level education

THE EFFECTS OF SUB-GOAL BASED LEARNING ON BRAIN STIMULATION

Oct 2019 - present

- Proposed an independent cognitive neuropsychology study implementing the use of EEG in testing the effects of sub-goal-based learning
- Coordinated meetings with the Systems Psychology Lab at Georgia Tech to acquire necessary EEG equipment and receive proper training in Cognionics 10/20 Dry-electrode systems
- Worked with Dr. Richard Catrambone to create sub-goals and complete methodology for project
- Completed full research proposal including literature review and annotated bibliography
- Formulated consent forms and recruitment materials to reflect precautions to protect against COVID-19 and received IRB approval

Research Assistant

Dr. Richard Catrambone & Dr.

Michael Hoffmann

FOSTERING SELF-CORRECTING REASONING WITH REFLECTION SYSTEMS

Jun 2018 - present

- Ran over 50 participants in the lab
- Analyzed MindMups and Agora argument maps
- Aided in Excel data organization and analysis
- Partook in conversations with the PI to improve instruction documents for the project

Honors & Awards

2020 **President's Undergraduate Research Salary Award**, Undergraduate Research Opportunities program- GT

2020 **Research Scholar**, Georgia Institute of Technology Center of Engineering Education and Diversity (CEED)

2018 **2018 Peace Builder Award**, Atlanta Institute for Diplomatic Leadership

Skills

Languages English (native), Arabic (working-proficient), Spanish (beginner)

Technical Python (intermediate), MATLAB (novice), Dry-electrode EEG (intermediate), Cognionics Acquisition software (intermediate), MS Office (advanced), Quickbooks (advanced)

Interpersonal Trained in public speaking, leadership, team building, communication practices, mental health first aid, QPR