

EDUCATION	<b>University of Rochester</b> Ph.D. in Computer Science Advisor: Dr. Ehsan Hoque	August 2020 - Present
	<b>Rochester Institute of Technology</b> Bachelor of Science, Computer Science - <i>Cum Laude</i> Minor: Mathematics Full Time Research: Fall 2019, Spring 2018	May 2020
RESEARCH EXPERIENCE	<b>ROCHCI Group</b> - Dr. Ehsan Hoque University of Rochester, Rochester, NY	June 2020 - Present
	<b>Future Interfaces Group</b> - Dr. Chris Harrison Carnegie Mellon University, Pittsburgh, PA	May 2020 - April 2021
	<b>Independent Study</b> - Dr. Christopher Homan Rochester Institute of Technology, Rochester, NY	September 2017 - August 2020
	<ul style="list-style-type: none"><li>• Independent Study: Autumn 2017, Autumn 2018, Spring 2019</li><li>• Full Time Research (Co-Op): Autumn 2019</li></ul>	
	<b>MIT Summer Research Program</b> - Dr. Alex Pentland Massachusetts Institute of Technology Media Laboratory, Cambridge, MA	Summer 2019
	<b>NASA Jet Propulsion Laboratory</b> - Dr. Adrian Stoica California Institute of Technology, Pasadena, CA	Summer 2018
	<b>MIT Summer Research Program</b> - Dr. Andrew Lippman Massachusetts Institute of Technology Media Laboratory, Cambridge, MA	Summer 2017
UNDER REVIEW	<b>Future Everyday Technology Research Lab</b> - Dr. Daniel Ashbrook Rochester Institute of Technology, Rochester, NY	May 2016 - June 2018
	<ul style="list-style-type: none"><li>• Independent Study: Summer 2016, Autumn 2016, Spring 2017, Autumn 2017</li><li>• Full Time Research (Co-Op): Spring 2018</li></ul>	
	Md. Kamrul Hasan, <b>James Spann</b> , Ehsan Hoque. Multimodal-CLIP: Pre-training Acoustic-Visual Representation from Monologue Speech to Analyze Behavioral Tasks <i>AAAI Conference on Artificial Intelligence (AAAI)</i> , 2022	
	<b>James Spann</b> , Pratik Bongale, Chris Homan. Active Learning for Label Distribution Learning <i>ACM Web Search and Data Mining (WSDM) Conference</i> , 2022	

## REFEREED CONFERENCE PAPERS

Vivian Shen, **James Spann**, Chris Harrison. **FarOut: Extending the Range of ad hoc Touch Sensing with Depth Cameras** *Proceedings of the ninth ACM Symposium on Spatial User Interaction (ACM SUI)*, 2021 [Won Best Paper Award]

Md. Kamrul Hasan, **James Spann**, Masum Hasan, Md. Saiful Islam, Kurtis Haut, Rada Mihalcea, Ehsan Hoque. **Hitting your MARQ: Multimodal ARGument Quality Assessment in Long Debate Video** *Proceedings of the 2021 Conference on Empirical Methods in Natural Language Processing (EMNLP)*, 2021

## HONORS AND AWARDS

Heidelberg Laureate Forum - Young Researcher	2022
ACM Symposium on Spatial User Interaction (ACM SUI) - Best Paper Award	Autumn 2021
Richard Tapia Celebration of Diversity in Computing Conference Scholarship - <i>Jane Street Scholar</i>	Autumn 2021
The National GEM Consortium - GEM Associate Fellow	2020 - 2022
National Science Foundation - Research Traineeship Fellowship	2020 - 2021
University of Rochester - Provost's Fellowship (Deferred until Autumn 2021 for the NSF Trainee Fellowship)	2020 - 2022
RIT McNair Scholar	(4 semesters) 2018-2020
RIT Tiger Tank Business Competition Finalist	2019
California Institute of Technology SURF Fellow	2018
First place award - University of Rochester Spring DandyHacks Hackathon	2018

## TEACHING EXPERIENCE

**Introduction to Programming (CSC 161)** - Teaching Assistant    Autumn 2021, Spring 2022

- Maintained office hours for student assistance, managed and participated in exam grading sessions with other TAs, and helped write course content for exams and projects.

**Upward Bound Math/Science Program** - Teacher    Summer 2021, Summer 2022

- Designed and taught intro Computer Science lectures as a part of the University of Rochester's Summer 2021 Upward Bound program for Rochester high school students. Created and supervised weekly hands-on example activities, and demonstrated various programming techniques.

**Data Management Systems (CSC 263/463)** - Student Grader    Spring 2021

- Graded student exams and assignments.

**Principles of Data Mining (CSCI 420)** - Student Grader    Spring 2020

- Graded student quizzes and held weekly office hours.

<b>INVITED TALKS</b>	<b>Research workflows with Jupyter and Conda</b>	
	PhD #Shots - Rochester Institute of Technology, Rochester, New York	2022
	<b>OPAL and Robots Or How I Stopped Worrying And Learned to Algorithmically Trust</b>	
	MIT Media Lab, Cambridge, Massachusetts	2019
	<b>Detecting bias through user interaction</b>	
	MIT Media Lab, Cambridge, Massachusetts	2017
	<b>Knock on Wood Sensor</b>	
	RIT Undergraduate Research Symposium, Rochester, New York	2016
<b>SELECTED POPULAR PRESS</b>	<a href="#">Discover Something New at Imagine RIT</a>	2019
	<a href="#">The secret lives of students who mine cryptocurrency in their dorm rooms</a>	2018
	<a href="#">A season of learning at the Lab</a>	2017
<b>ACADEMIC ACTIVITIES</b>	<b>Conference Reviewer: ACII'21</b>	
	<b>University of Rochester School of Arts, Sciences &amp; Engineering - Conference Grant Reviewer:</b>	Winter 2021, Spring 2022
	<b>MIT Summer Research Program Application Review Committee:</b>	2021, 2022
<b>ACTIVITIES</b>	Graduate Students of Color	August 2020 - Present
	Computer Petting Zoo Exhibitor	May 2019 - June 2020
	Stanford SERGE	October 2019
	McNair Scholars Program	2018-2020
	MIT Media Lab Digital Currency Initiative Bootcamp	Summer 2016
	RIT Data Science Research Group	2016-2020
	Louis Stokes Alliances for Minority Participation (LSAMP)	2018-2020
	Multicultural Center for Academic Success Program	2015-2020
	RIT No Voice Zone	2015-2020
	RIT Go Club	2018-2020
	RIT Fencing Club	2015-2017
<b>STUDENTS SUPERVISED</b>	Sarah Chen, B.A. Psychology, U of R	Spring 2022-Present