

# Kaarthika Thakker

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6310 Main Houston, TX 77005

## EDUCATION

**GPA: 3.86**

Rice University (Houston, TX)

Aug '16 - May '20

Current Sophomore (by year) or Junior (by credit hour)

B.S. in Computer Science, Minor in Business, Minor in Poverty, Justice, and Human Capabilities

Trustee Distinguished Scholarship for Entrepreneurship - \$24,500 per year for four years

Relevant Coursework: Algorithmic Thinking, Financial Accounting, Introduction to Program Design, Reasoning about Algorithms, Multivariable Calculus

Centerville High School (Centerville, OH)

Aug '12 - May '16

GPA: 4.6703 (weighted) / 4.00 (unweighted) Top 2%

Science Olympiad National Champion, State Speech and Debate, Poetry Club, Interact Club President, Key Club, Spanish Club Vice President, Spanish Honors Society, Poetry Club, National Honors Society, Tutor, National Merit Finalist, Animal Club, Physics Friends, Chemistry Buddies, Varsity Science Bowl, Health Occupations Students of America, Math Club, Chemistry Club, Director of Communications for Centerville Vegan Society, Environmental Club Vice President, Academic Team

## WORK EXPERIENCE

Summer Founder, AtmoSpark Technologies (Houston, TX)

May - Aug

'20

An atmospheric water generation company aiming to provide freshwater to those who need it

Led meetings, conducted customer interviews to determine product / market fit, developed website, prototyped, wrote pitches, storyboarded, enabled a successful launch day

Social Media Director & DJ, KTRU Rice Radio (Houston, TX) [facebook](https://www.facebook.com/ktru) | [instagram](https://www.instagram.com/ktru) | [twitter](https://www.twitter.com/ktru) Aug '16 - Present

DJ on air weekly, and manages Facebook, Instagram, and Twitter accounts. Works as a liaison between publications and ODS, works with bands.

Research Assistant, I/O Psychology Lab (Houston, TX)

Aug - Dec '20

Diversity and Discrimination research under Dr. Mikki Hebl

Literature reviews, coded and interpreted data for stereotypicality in leadership of fortune 500 companies

Co-Founder, Kaar & Carr (Dayton, OH) [facebook](https://www.facebook.com/kaarandcarr) | [instagram](https://www.instagram.com/kaarandcarr)

Feb '15 - Aug

'16

Created handmade jewelry to be sold at local venues and online

Graphic designer and social media manager. Tracked finances and projections.

Co-Founder, Excel Tutoring (Dayton, OH)

Aug '15 - Aug

'16

Created a classroom environment for students to improve standardized testing scores

Tutored ~20 students a week for 3 hr sessions, making up to \$1000 a week

Improved ACT scores ~7 pts, and SAT scores ~200 pts using interactive teaching methods

Hybrid Internship, Cubester LLC (Dayton, OH)  
'15

May - Aug

A tech startup creating a office product to increase productivity

Created first prototype, organized schedule / planned meetings, parsed code, and tracked finances/projections

Grader, Kumon Learning Center (Dayton, OH)  
'15

Sept '14 - Nov

Tutored K-12 in Math and English and trained in Primary Instruction to teach children how to read and write

## **VOLUNTEERING AND COMMUNITY SERVICES**

STRIVE liaison (Houston, TX)

March '17 - Present

Works with Title IX office to afford a safe space on campus for students who may have faced sexual harassment

Peer Academic Advisor (Houston, TX)

Feb '17 - Present

Works with Office of Academic Advising to help students schedule, declare majors, and plan for the future

PAIR Mentor (Houston, TX)

Jan '17 -

Present

Work with refugee high school students with college preparation, English, homework, and artistic activities

Rice Womens Resource Center (RWRC) Volunteer (Houston, TX)

Jan '17 -

Present

Curate a safe space on campus for people seeking resources and support. Vagina Monologues performer.

President, Interact Club (Dayton, OH)

Aug '14 - May '16

Volunteer organization paired with Rotary Club of Dayton

Organized a book drive that collected 13,000 books for inner-city schools and ran a non-profit water bottle sale to build a water pump in Africa

Activities Volunteer at Sycamore Glen Health Center (Dayton, OH)  
'16

June '13 - Aug

Ran activities for the residents and interacted with patients to assist in their day-to-day lives

## **SKILLS AND LANGUAGES**

Python, C, Java, LaTeX, HTML/CSS, Facebook, Twitter, Instagram, Public Speaking, Native English, Proficient Spanish, Conversational Telugu

## **OTHER HONORS**

National Merit Finalist (2016) 15,000 of 1.5 million test takers based on academic achievement

Science Olympiad National Champion: Optics (2011), Disease Detectives (2015)