

Shashank Raghuraj

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EDUCATION

Solon High School - Cumulative GPA: 4.075 on pace to get an honors diploma, expected graduation June 2022

VOLUNTEER EXPERIENCE

- **Cuyahoga County Library**, 2018-2020
- **North South Foundation**, Judge 2021
- **ASPIRE**, Volunteer 2021

EXTRACURRICULAR ACTIVITIES

- **Coding Club Founder and President**, 2021-Present
- **Solon Hacks Hackathon**, 2021 guest speaker about the basics of AI
- **OHacksIO**, 2021 Lead and Sponsorship Director for the first global hackathon run by high school students in Ohio
- **2 Person Policy Debate**, 2019-Present
- **Marching Band**, 2018-Present
- **Concert Band**, 2018-Present
- **Junior Varsity Tennis Team**, 2019-Present
- **Chess**: Represented school at states and nationals, 2014-2020
- **Podcast**: Started a podcast called "Shashank Vs the World"

AWARDS AND RECOGNITION

- **School**
 - Honor Roll: 3.5 GPA or higher, 2019-Present
 - Scholar-Athlete: took part in athletics and achieved a 3.5 GPA or Higher, 2019-Present
 - Rising Star Award: Awarded based on hard work and dedication for academic excellence, 2020-2021
 - Band Squad Leader, Band Letterman, 2020-2021
 - AP scholar, 2021
- **Chess**
 - USCF rating of 1500, 2016-2020
 - Third place in Canton Scholastic Chess League tournament, 4/13/2019
 - Second place in Canton Scholastic Chess League tournament, 1/12/2019
 - Third place at Cleveland Scholastic tournament, 2018
- **Speech and Debate**
 - Participated in 2 Person Policy Debate at States Qualifiers and States, 2020-2021
 - Placed 3rd at the Solon High School tournament, 2021
 - Placed 2nd at the Hathaway Brown/John Carroll University Tournament, 2020
- **Computer Science**
 - Placed 1st at the Northeast Ohio Science Fair in the mathematics/computer science category for using Convolutional Neural Networks (CNN) to detect tuberculosis in the human body, 2021
 - Recognized by Progressive Insurance, a Fortune 500 company, for creating a weather chatbot 2021
 - Placed 2nd at the Hacks Academy Hackathon, 2020

WORK EXPERIENCE AND COMPUTER PROJECTS

- **University of Texas at Dallas**, 2-month internship in Dept. of Computer Science, 2021
- **Cloudmatic**, month-long computer science internship under the Chief Technical Officer, 2021
- **Self Driving Car**, 2020
 - Built a self-driving car that can detect signs, humans, and color lights using artificial intelligence
- **Smart Home**, 2019
 - Integrated Wii Remote and created a messaging bot to control lights, air conditioning, and garage door. Created a face detection system to open and close doors around the house
- **Voice Assistant**, 2018
 - Developed an Application that simulates Apple's Siri using the Raspberry Pi and Python