

# Sidharth Rao

High School Junior

Sidharth Rao is a Dean's List student at Choate, a leading college preparatory private high school. He is primarily interested in the fields of Computer Science, Robotics, and Engineering. Sidharth is the Field Team Lead, a builder, and a programmer on the Choate FIRST Robotics Team and is part of the Advanced Robotics Concentration special program. Sidharth is a cello player in the Concert Orchestra at Choate, and outside of classes, he is the Vice President of the Choate Aersospace Association club. Sidharth also works as a volunteer evangelist at Robotics and Beyond, teaching students Python, AI, and Edge Computing.

## Contact

### Address

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### LinkedIn

<https://www.linkedin.com/in/sidharth-rao-074770198>

### WWW

<https://github.com/sidharthmrao>

## Skills

Python (Advanced)

Web Development

Java

Onshape CAD

Robotics

## Languages

English (Fluent)

Mandarin Chinese (Intermediate)

Hindi (Speaking)

## Experience

2021-06 -  
Current

### Software Engineering Intern

*Rovicare AI*

*Cloud-based medical software simplifying care transition for patients, caregivers, and providers.*

Created a Containerized API to allow fast, automatic extraction and transferring of data from scanned medical forms into databases using OCR. This reduced the processing time of medical data intake of patients by over 90%.

Tools Used :

- Python, Flask
- Google Cloud Vision API, Google Cloud Storage
- Docker

2021-01 -  
Current

### AI and Robotics Evangelist, Volunteer Instructor

*Robotics And Beyond*

*A community-based non-profit bridging interest, talent and careers in technology and robotics.*

- Taught Elementary school students basic Python skills.
- Developed and taught a course in AI with Edge Computers and TensorFlow Lite to High School students.
- Currently working on creating a course in CAD and AI.

## Education

2019-09 -  
Current

### High School Diploma

*Choate Rosemary Hall - Wallingford, CT*

- Field Team Lead, Builder, Programmer [Choate Robotics Team]
- Dean's List [All Terms]
- Choate Cross Country JV
- Vice President [Choate Aerospace Association]

## Interests

Robotics, AI, Engineering, Cybersecurity, Web Development, CAD, Cello, Piano, Linguistics

## Competitions

PicoCTF 2021 (Top 100)

Texas Math and Science Competition: 12 Medals 2 Trophies

First Place in the Frisco, TX Economic Council Business Competition

Silver Medal in the Texas State Piano Competition