Vraj Shah

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Objective:

To pursue a career in software engineering.

Education:

The Ohio State University
Anticipated Graduation: May 2025

- *Relevant Courses:*
  - Honors Physics 1260
  - Honors Engineering 1281-1282
  - Software 1 & 2 - Java-Based
  - Foundations 1 - Logic & Data Structures

Experiences:

National Cyber League
Participant   **October 2018 - Present**

- Placed 380th out of 5380 individuals
- Placed in the highest tier - Gold
- Worked on Log Analysis, Network Traffic, Cryptography, etc.

Network Based Computing Lab
Research Assistant   **June 2022 - Present**

- Updating Conference Websites using HTML
- Using Linux and Bash to stock servers & computers
- Using GitHub commands to push code live

Branches at the Ohio State University
Tutor   **January 2022 - Present**

- Tutor elementary school kids in different subjects
- Teach kids about healthy lifestyles
- Over 2 hours of service

Soin Medical Center
Patient Support   **October 2018 - August 2021**

- Answer hospital-related questions
- Interact with different patients
  - Talk to the individuals
 - Give them food, water, games, etc.

Cyber Patriots
Student Leader   **September 2016 - May 2021**

- Help 10-15 students learn scripting
- Teach networking to students
- Educate students about windows
- Teach ubuntu to students
- Competed in semi-finals 3 times
  - Placed 25th out of 4000 teams

Computer Skills:

- ⚙ Fluent in Windows & Linux Systems
- 🖥 Fluent in HTML, CSS, and Java
- 🖥 Fluent in Python
  - Many projects throughout high school and middle school
  - Made a facial scanner with OpenCV
- 🖥 Fluent in C++
  - Made a working robot and game using C++.

Languages (Speaking):

English - Secondary Language *100% Proficient*

CCP Chinese - Four Years *45% Proficient*

Gujarati - Native Language *80% Proficient*

Leadership:

Key Club
October 2017 - May 2021
- Produced Key Club social media posts
- Officer of Key Club - Webmaster
- Made the Key Club website using Wix

Junior Leadership Dayton
August 2019 - April 2020
- Learned about different communities
- Participated in a leadership program.
- Worked with different people

National Honor Society
January 2020 - May 2021
- Need a 3.5 and above to join the club.
- Officer of NHS - Communication Director
- Worked on a tutoring event

School Projects:

Fundamentals of Engineering Robot Project
January 2022 - May 2022
- 3-D modeled and programmed a robot
  - C++
  - SolidWorks
- Received recognition and awards:
  - Best Robot Report - 83+ pages

Science Fair
August 2017 - February 2019
- Reached state level in 9th grade
- Placed in the superior tier
- Earned $150 in scholarships
- Project: Microwave Radiation analysis