


Vraj Shah

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 github.com/shahvraj26

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

Dayton Regional STEM School

Graduated: May 2021 | GPA: 3.95/4.0

- *Relevant Courses:*
 - IT Experimental Learning - 12th Grade
 - Computer Programming - 11th Grade
 - CCP Web Development - 12th Grade
 - AP Calculus AB - 12th Grade

Experiences:

National Cyber League

Participant

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

October 2018 - Present

Network Based Computing Lab

Research Assistant/Internship

- Update conference websites using HTML
- Use Linux and bash to update servers & computers
- Use GitHub commands to push code live

June 2022 - Present

Packet Wars Steganography Research

Research Assistant/Internship

- Used Stego tools to extract data from images
- Used Linux terminal to create such tools
- Found interesting data from search engines images

June 2021 - August 2021

Soin Medical Center

Patient Support

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

October 2018 - August 2021





Cyber Patriots

Student Leader

- 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

September 2016 - May 2021

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:

Branches at THE Ohio State University

January 2022 - Present

- Tutor elementary school kids in math
- Teach kids about healthy lifestyles
- Over 4+ hours of service

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

Projects:

Portfolio Website - shahvraj26.github.io

June 2021 - Present

- Coded a website to display my work
 - Used JavaScript, HTML, & CSS

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