



Vivaan Singhvi

<https://vivaansinghvi07.github.io>

I am a 16-year-old passionate about computer science and math. I love coding projects, listening to music, exercising, solving Rubik's Cubes, and spending time with the people close to me.

Experience

○ Jun-Jul 2023

Oak Ridge National Laboratory

Database Administration Internship

Spent 40 hours a week for 8 weeks at the ORNL campus working on database operations. Attended about a dozen seminars and workshops about all various topics such as artificial intelligence, nuclear physics, and professional skills. Gained valuable workplace experience for the first time. Presented a poster about my experience.

○ Jun 2021

National Youth Leadership Forum

Medicine and Healthcare Camp

Spent 9 days at an intensive medical camp, in which I participated in activities all day long, such as learning how to suture, how to draw blood, how to use a tourniquet. Watched many presentations on innovations in healthcare (like a surgical robot), on careers in healthcare, and on various other topics pertaining to medicine.

Clubs

○ Anatomy Club Vice President	2023 - 2024
○ Health Occupations Students of America Member	2021 - 2023
○ National Honors Society Volunteer	2021 - 2023
○ Mu Alpha Theta Member, Tutor	2021 - 2024
○ Science Club Member	2021 - 2023
○ Computer Science Club Member	2022 - 2024

Select Awards / Projects

○ June 2023

HOSA International Leadership Conference: General Chemistry

Won first place in the National Geographic Learning Academic Testing Center General Chemistry test, competing against students from all over the world.

○ August 2023

Smoky Mountains Data Challenge

Worked as lead author and programmer for about 70 hours on a challenge involving machine learning, image processing, and more. Wrote a solution paper, research poster, and gave a lightning talk for the Smoky Mountains Computing Sciences 2023 Conference.

Skills

- Languages: Python, JavaScript/TypeScript, HTML/CSS, Shell, SQL
- Libraries: React, OpenCV, Scikit-Learn, NumPy, Pandas
- Tools: Git, GitHub, VS Code, Unix, Mac, Vim, WSL

Contact

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Education

2020-2024

Farragut High School

GPA: 4.0/4.7 UW/W

ACT: 36, SAT: 1580

Extracurriculars

2022-Present

Programming Projects

Spent about 2 hours a day, every day, making more than 50 projects, ranging from web & game development to machine learning to database operations.

2021-2023

Knoxville Youth

Symphony Orchestra

Played as a percussionist in 6 concerts, attending weekly 2-hour rehearsals

2015-Present

Drum Student

Spent nine years developing skills in many genres of drumming and performing at dozens of concerts.

Community Service

2021 - Present

Second Harvest Food Bank - 80 Hours

2021 - 2023

National Honors Society - 40 Hours