

# VIBHUV SHARMA

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## Education

### Montgomery High School

September 2022 – Present

- Honor roll student, taking 4 honors courses
- Science Olympiad (captain), Technology Club (Board), Aerospace Club, Mock Trial, Youth & Gov.

## Courses

### Machine Learning – Stanford University

January 2022 – April 2022

### Introduction to Python – University of Toronto

June 2021 – November 2021

Other Advanced Courses: AP Gov. and Politics US (Northwestern CTD), Chemistry (JHU CTY)

## Experience

### Intern – Code Ninjas

June 2022 – Present

- Instructed students in a variety of programming languages.

### Software Developer Volunteer – Minority Programmers Association

September 2021 – December 2021

- Implemented UI designs and collaborated on mentorship pages with React/Next
- Worked with blockchain/moralis.

### Full Stack Intern – Seekerpitch

December 2020 – April 2021

- Built backend API for website using Javascript, SailsJS, and PostgreSQL, frontend via React
- Implemented OpenTok video conferencing, SendGrid emails, and integrated back-end.

## Skills

Technology: Python, JavaScript/Node.js, Octave, HTML/CSS, React.js, Figma, Firebase, Git/Github

Programming skills: Web development, REST APIs/API Development, Machine Learning, Full Stack

## Awards

### First Place – Congressional App Challenge, NJ-07

February 2023

Awarded first place in district for app to track environmental impact, invited to house of code April 2023.

### First Place – Replit Alexa Skill Hackathon

September 2021

Awarded first place in Alexa Skill hackathon hosted by Replit with InterviewGenie.

### Competition Medals – Science Olympiad

April 2022 – January 2023

Awarded 3rd in states, 3rd in regionals, 1st in Dynamic Planet, 2nd in Solar System, and 4th in Fast Facts.

### Winner – Replit Diwali Diya Jam

November 2022

Winner of top five diwali diyas created using code. Used javascript to make an animated diya.

### Second Prize – Science Expo

April 2021

Submitted prototype for project which generated electricity via one's exercise on an elliptical machine.

## Volunteer Experience

### Teacher and Web/Social Media Manager – Neuracode

May 2022 – August 2022

Developed and taught machine learning curriculum while managing website and social media

### Volunteer – Somerset County Library System

June 2020 – May 2022

### Teaching Assistant – Montgomery Hindi School

September 2021 – Present

## Projects

### Wild Blue – App and Website

November 2022

Created a website and app that allows users to track their environmental impact by completing challenges.

### The Pyada Protocol

April 2022

Created a pawn shop for NTFs that takes an NFT as collateral for a loan on the Polygon blockchain.

### InterviewGenie

August 2021 – December 2021

Created Alexa skill utilizing AI to generate job-specific interview questions, feedback, and sample answers.