

VIBHUV SHARMA

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EDUCATION

- Montgomery High School** September 2022 – Present
- Sophomore honors student; AP Chemistry, AP Calculus AB, Honors English; 1500 Score on the PSAT
 - Science Olympiad (captain), Tech. Club (Board), Aerospace, Mock Trial, Youth & Gov., Orchestra
- Columbia Science Honors Program** September 2023 – Present
- Taking part in “Astronomy and Astrophysics” course under Prof. Applegate

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.
- Mindful** – Mobile App November 2023
Mindful is an app designed to make mental health more accessible, offering a mental health chatbot and communities for people going through similar struggles to connect and share their experiences.
- 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.