VIBHUV SHARMA

vibhuvnarayan.sharma@gmail.com | (908) 361 1500 | linkedin.com/in/vibhuv-sharma | vibhuvsharma.com

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), Mock Trial (Captain), Youth & Gov. (Officer), Tech. Club (Board), Aerospace

Columbia Science Honors Program — September 2023 – Present
- Took "Astronomy and Astrophysics" under Prof. Applegate and "Classical and Quantum Computing Devices"

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.
Safe Space — April 2022
Developed a discord bot that automatically detects bullying through a logistical regression model utilizing NLP. The bot has configurable settings (through a web dashboard) and also includes a personalized mental health chatbot.
InterviewGenie — August 2021 – December 2021
Created Alexa skill utilizing AI to generate job-specific interview questions, feedback, and sample answers.