VISHRUTH "VISHU" KODIKANTI

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EDUCATION

University of Houston – Houston, TX

B.S. in Computer Science and Minor in Mathematics   August 2021 – May 2025

Relevant Coursework: Algorithms & Data Structures • Database Systems . Visualization . Data Science . Software Design

SKILLS: Python, Java, C++, HTML, CSS, R, MATLAB, JavaScript, SQL, Git, Subversion, Agile, React.js

PROJECTS

Wordos   March 2024
- Used test-driven development to create a word guessing game with Python's pytest and a pygame GUI
- Engineered a full-stack web application with a partner using different design principles, such as YAGNI

Portfolio Website   June 2023
- Developed a personal website for people to get to learn about me by using HTML, CSS, and JavaScript
- Constructed my portfolio website with 4 HTML files in a single directory with information about me

UniMeet Website   May 2023
- Created a website to introduce the team members and showcase a student meeting application
- Assisted the team of 10 members to implement a website in HTML and CSS and scored a 12/15

Safety Project   October 2021
- Crafted a safety demonstration to decrease incidents in oil fields by 53% by making a user interface
- Built an interactive manual and quiz with the help of 4 other friends by using Java's JFrame library

EXPERIENCE

University of Houston | Teaching Assistant   August 2023 – Present
- Helped the class by grading homework, answering student questions, and holding office hours
- Collaborate with 4 others to help 200 students and raised the class average by 15 points

CougarCS | Tutor   July 2022 – Present
- Tutor peers in their coursework so that they can be successful in their classes
- Have 30+ hours of tutoring experience in 7 different courses

ACTIVITIES

Code[Coogs]

Workshops Director   May 2024 – Present
- Prepare slides for and teach computer science related workshops based on student's needs
- Leads a small committee to help teach the various series and choose the workshops to hold

Workshops Committee Member   September 2023 – May 2024
- Presented and answered questions to various biweekly computer science related workshops
- Worked with a team of three to prepare the topics, slides, and logistics for the workshops

Team Lead   February 2023 – May 2023
- Led a team to design a project to showcase and served as a mentor for the team
- Presented the project with the team at a banquet at the end of the academic year

Workshops Intern   March 2022 — May 2022
- Worked with the Workshops Director to hold and present weekly coding workshops
- Transitioned from workshops with 10 people to a web dev series with a 30+ person turnout

Competitions Intern   March 2022 —May 2022
- Prepared questions and solutions for the competitive programming competitions
- Presented the solutions after the biweekly Codeforces competitions