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Vincent Huang

Computer Science and Statistics student at UC Davis seeking an internship or research opportunity to enhance analytical, problem-solving, and programming skills.

Education

SEPTEMBER 2020 – MARCH 2024

Bachelor of Science, Computer Science and Data Science Double Major/University of California, Davis

• GPA: **3.915**

Projects

Pathfinding Algorithm Visualizer - https://pathfindingalgovisual.herokuapp.com/
A web application made in React that visualizes classic graph and pathfinding algorithms with options to alter terrain, adjust speed of visualization, and weights. It features algorithms like BFS, DFS, Dijkstra's, etc.

Sorting Algorithm Visualizer - https://sortingalgovisual.herokuapp.com/
A web application created in React that visualizes sorting algorithms which includes features to change the size of array and speed of visualization. It includes classic sorting algorithms such as quick sort, merge sort, etc.

Random Number Generator - https://chrome.google.com/webstore/detail/random-number-generator/neehkacloahjodofibhajlbmgpdfhkgc/related
A chrome extension made from vanilla JavaScript that generates random numbers with additional options to set parity, bounds, and repetition for the generate function.

Experience

SEPTEMBER 2021 – CURRENT

Computer Science Tutor / University of California, Davis
Tutors for many undergraduate courses such as Object-Oriented Programming and Data Structures. Holds in-person and online office hour sessions to help students prepare for assignments and exams. Delivers course material to enhance students' programming and problem-solving skills.

AUGUST 2020 – APRIL 2021

Veterinary Assistant / Animal Medical Clinic
Cared for animals in post-operative recovery by closely monitoring vital signs and progress. Restrained and stabilized animals during examination and treatment to prevent injuries. Worked with doctors and veterinary technicians to provide efficient clinical service. Administered immunizations, blood plasma and other medications to animals as prescribed by veterinarians.

MAY 2021 – SEPTEMBER 2021

Shift Lead / Panda Express
Delegated tasks to employees and monitored activities and task completion. Trained new employees and managed daily work assignments to enhance operations. Ensured service efficiency and demonstrated good leadership in chaotic environments. Fulfilled front-of-house, back-of-house, and cook positions as needed. Worked with managers to maintain efficient productivity and customer service.

Skills

Languages and Frameworks: C++ • C • Java • HTML • CSS • JavaScript • React • React Native • Python • R

Hard Skills: Microsoft Office Tools • Git • Linux/UNIX • Mandarin Chinese

Soft Skills: Communication • Time Management • Organization • Teaching and Tutoring • Attention to Detail