Kelly Zhou

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EDUCATION

The University of Texas at Dallas, Richardson, TX Spring 2025
Bachelor of Science in Computer Science

Plano West Senior High, Plano, TX Spring 2021
High School Diploma, Magna Cum Laude
Weighted GPA: 4.0

PROJECTS

SafeOR Jan 2023
React, Tailwind CSS, Firebase, Python, and Flask
- Placed first in the Pitsburg Regional Health Initiative (PRHI) challenge at TamuHACK 2023
- Used computer vision, NLP, and machine learning to bring visibility to patient safety to reduce medical errors

HackPortal
React, NextJS, JavaScript, TypeScript, Vercel Oct 2022-Present
- Collaborated with a team of 7 to maintain a platform for user-friendly hackathon event management used by over 1000 students annually at HackUTD
- Redesigned and modernized overall UI designs to improve user experience

WORK EXPERIENCE

Code Coach, The Coder School, Frisco TX Feb 2023-Present
- Developed lesson plans focused on teaching children aged 8 and above the fundamentals of coding and game development
- Utilized Python and Scratch to create engaging educational activities and projects that promote interactive learning and enhance children's programming skills.

Tutor/Shift Lead, Gideon Math and Reading East Plano, Plano, TX Dec 2021 - Dec 2022
- Tutored children aged 4-14 in subjects of math, reading, and grammar
- Trained new employees, supervised opening and closing, and communicated with parents about student progress.

PRESENT ACTIVITIES

ACM HackUTD Officer, Marketing Coordinator & Dev Coordinator June 2022 - Present
- Worked alongside 30+ officers across 7 teams over the course of a year to plan the largest hackathon in Texas with over 1000+ participants & 10 corporate sponsors on the UTD campus
- Managed a team of 3 designers to produce graphics for overall marketing campaigns

TECHNICAL SKILLS

Tools/Frameworks: Figma, Adobe Creative Suite, Git, React, Next.JS, Node.JS
Programming Languages: C++, Java, Javascript, HTML/CSS, Python, MIPS
Relevant Coursework: Computer Science 2, Computer Architecture, Integral Calculus, Discrete Math, Physics Mechanics, Linear Algebra