

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

HackPortal

React, NextJS, JavaScript, TypeScript, Vercel, Firebase

Oct 2022-Present

- Maintain a user-friendly hackathon event management platform used by **over 1000 students annually** at HackUTD, and **six other hackathons across the country**
- Designed **14 new screens** to modernize the hacker and administrative user experience
- Implemented a novel accept/reject system, increasing efficiency in evaluating hackers by 57%

ElevatorPitch

Sep 2023

Python, MongoDB, Google Cloud, Streamlit

- **Placed 2nd place in HackSMU 2023** general track, Honorable mention in CBRE'S challenge
- Created a human-centric AI/ML and NLP solution with hardware and software components for building managers' maintenance complaints and employed advanced AI models like wav2vec2 and MNLI on Google Cloud Platform (GCP) for data analytics

SafeOR

Jan 2023

React, Tailwind CSS, Firebase, Python, and Flask

- **Placed 1st** in the Pittsburg Regional Health Initiative (PRHI) challenge at **TamuHACK 2023**
- Used computer vision, NLP, and machine learning to recognize patterns of fatigue and incompetence, bringing visibility to patient safety to reduce medical errors

WORK EXPERIENCE

Code Coach, The Coder School, Frisco TX

Feb 2023-Present

- Developed lesson plans for children aged 8 and above, teaching coding and game development fundamentals using Python and Scratch to create interactive educational activities and projects

Tutor/Shift Lead, Gideon Math and Reading East Plano, Plano, TX

Dec 2021 - Dec 2022

- Tutored children aged 4-14 in math, reading, and grammar, trained new employees, supervised shifts, and communicated with parents about student progress

PRESENT ACTIVITIES

ACM HackUTD Officer, Design Lead & 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, NextJS, NodeJS

Programming Languages: C++, Java, Javascript, HTML/CSS, Python, MIPS

Relevant Coursework: Computer Science 2, Computer Architecture, Integral Calculus, Discrete Math, Physics Mechanics, Linear Algebra, Programming Language Paradigms