[name]

EDUCATION

Brown University, Sc.B in Applied Mathematics-Computer Science Providence, RI | Class of 2024
- Relevant Courses: Software Engineering, User Interfaces and User Experience, Algorithms and Data Structures

Mississippi School for Mathematics and Science (MSMS), 4.00/4.00 GPA Columbus, MS | Class of 2020

JOB EXPERIENCE & PROJECTS

Computer Science and Mathematics Instructor, Juni Learning San Francisco, CA (Remote) | May 2022 – Present
- Execute advanced mathematics and computer science lesson plans from AP Calculus to Python Level 3 over Zoom for students ages 8-18 while adapting to student pace, interests, and needs
- Communicate with parents regularly, providing updates on student progress and results from assessments
- Maintain thorough records for each student, covering multiple courses, skill progression, and projects

Web Editor and Event Coordinator, Zeta Delta Xi Providence, RI | Jan 2021 – Present
- Modernize and maintain the Zeta Delta Xi website and design eye-catching posters for 10+ events
- Foster an LGBTQ-friendly space at Brown University by organizing 20+ events such as the Trans and Nonbinary Ice Cream Social, QTPOC Potluck, and the FGLi Brunch

Applied Mathematics Undergraduate Teaching Assistant, Brown University Providence, RI | Aug 2022 – Present
- Undergraduate teaching assistant for APMA 0350: Applied Ordinary Differential Equations
- Administer 2 weekly office hours and answer questions on the virtual platform Ed to guide students through assignments
- Grade 100+ weekly homework assignments and exams while providing feedback

Better Brown University, Brown University Providence, RI | Jan 2022 – May 2022
- Developed, in a team, the Better Brown University website which aims to make improvements to the existing Brown University website and add new functionalities such as a crowd-sourced event calendar and an algorithm that calculates how busy a campus location is
- Worked on frontend web design, backend database storage, backend algorithms, graphic design, data collection, and testing using TypeScript, React, HTML & CSS, and Selenium

Iterative Design and Evaluation: Vendoo, Brown University Providence, RI | Sep 2022 – Nov 2022
- Designed, in a team, an accessible and user-centered website for the startup Vendoo
- Created an interactive high-fidelity mockup using Figma, implemented design changes based on feedback, and conducted user testing
- Developed a responsive website to showcase the project using HTML & CSS
- Project website: https://hongzheng24.github.io/uiux-iterative-design-and-evaluation/

LEADERSHIP EXPERIENCE

Out in Computer Science (Spectrum), Co-President and Event Coordinator Providence, RI | Aug 2021 – Present
- Hosted 5+ social events to encourage LGBTQ+ programmers to connect with each other and to foster an inclusive space for queer and transgender people in computer science

International Culture Festival Committee, Co-Founder and Co-President Columbus, MS | Aug 2018 – May 2020
- Co-founded and organized the biannual International Culture Festival which seeks to bring together people of unique backgrounds and cultures through food, activities, and more

SKILLS

Technical: Proficient – Java, Python, HTML & CSS | Intermediate – JavaScript, TypeScript, React, Praat
Languages: Native speaker of Mandarin Chinese, Fuzhounese Chinese, and English