CINDY SU

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EDUCATION

University of Illinois at Urbana-Champaign   Fall 2024
Bachelor of Science - Computer Engineering   GPA 3.82/4.00
Minor in Art and Design
- **Dean's List**: Fall 2020, Fall 2021
- **Coursework**: Human-Centered Product Design, Industrial Design, Database Systems, Computer Graphics, Data Visualization, Data Structures, Electronic Circuit and Systems, Operation Systems

SKILLS

- **Computer Languages:** JavaScript, html, css, SQL, Python, Java, C++, Assembly
- **Design Skills:** Figma, Adobe Creative Suite, Sketch, Wireframing & Prototyping, Usability Testing

EXPERIENCE

Illinois Criminal Justice Information Authority   Chicago, IL
Front-end Web Developer   June 2021-December 2021
- Develop responsive website applications using Vue.js, html and css.
- Collaborate with design teams to construct visually engaging and user-friendly web interfaces.

UIUC Design Innovation   Champaign, IL
UI/UX Designer   January 2021-May 2021
- Collaborate with a team of 4 to design an educational platform for professors and students.
- Conducted interviews and usability tests, and developed wireframe and prototypes using figma.

University of Illinois   Champaign, IL
Course Assistance   January 2021-May 2021
- Assisted students in CS125(Intro to Computer Science) through reviewing code in Java, explaining concepts, and answering questions.

PROJECTS

Educational Recycling Toy
- Research: Collaborate with a team to analyze child learning behaviors, facilitating usability testing for the prototype through literature review.
- Electronic & Circuit Design: Integrated electronic components for various functionality and design circuit board to lay out a stable and reliable hardware for the prototype.
- Arduino Programming: Led the hardware programming using Arduino to establish connections between various electronic elements.
- Publication: Authored an article presented at the 2023 ACM IDC Conference. The paper explores the potential of educational toys to enhance children's understanding of recycling concepts.

Student-Employer Connection Platform
- UI/UX Design: Crafted intuitive and user-friendly interfaces using Figma.
- Full-Stack Development: Handled both the front-end and back-end development and built the application using React.js, html, css and SQL, with data management facilitated through Google Cloud Database.

Pet Finder Web Application (Personal Project)
- UI/UX Design: Use Figma to design wireframe and prototypes, crafting high-fidelity interfaces.
- Web development: Integrated data from petfinder.com API, developed the web application from ground up with React.js. Using D3.js to convert excel data retrieved from the APL into an interactive dashboard.