SIHAN WU

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EDUCATION

CARNEGIE MELLON UNIVERSITY

B.S., Information Systems
Additional Major in
Human-Computer Interaction
2019-2023

COURSEWORK

- Programmable User Interfaces
- Application Design and Development
- Database Design and Development
- Principles of Imperative Computation
- Design Fundamentals for Interactions for Communications
- Cognitive Psychology

SKILLS

Python	● ● ● ● ●
HTML/CSS	● ● ● ● ○
Java	● ● ● ● ○
JavaScript	● ● ● ○ ○
SQL	● ● ● ○ ○
Ruby	● ● ● ○ ○
R	● ● ○ ○ ○
Photoshop	● ● ● ● ●
Figma	● ● ● ● ●
AfterEffects	● ● ● ● ○
InDesign	● ● ● ● ○
Illustrator	● ● ● ○ ○
XD	● ● ● ○ ○
Balsamiq	● ● ● ○ ○
InVision	● ● ○ ○ ○

EXPERIENCE

Research Assistant — *Sep 2020 - May 2021*
CMU Human-Computer Interaction Institute

Researched foundations of adaptive tutoring systems; designed gamification features for math tutor platform Lynnette; developed lo fi and hi fi prototypes; implemented interactive, responsive user interface with animations.

PROJECTS

ScienceQuiz - Web Application — *Feb - May 2021*
67-272 Application Design and Development

Created entity relationship diagrams of business model; developed database with Ruby on Rails; executed 100% coverage unit and functional testing; iterated through wireframes; designed user flows and web interface.

River Otter Virtual Tour - Interaction Design — *Feb - May 2021*
05-292 Learning in Museums

Conducted extensive research on design prompt; designed interaction low and content; created project evaluation methods and documentation; conducted user testing interviews.

EXTRACURRICULARS

Director of Communications — *Sep 2020 - Present*
American Marketing Association

Designed weekly social media content; strategized social media calendar; kept weekly communications with executive board members; provided design feedback for committee members.

Artist, Layout Designer — *Sep 2020 - Present*
Big Straw Magazine

Produced graphics for magazine articles; created illustration for magazine cover; developed page layout designs; attended weekly meetings for design feedback.

SCHOLARSHIP

Grace Hopper Celebration Scholarship — *Oct 2020*
AnitaB.org - Grace Hopper Celebration

Attend the vGHC; obtained full year premium membership; participated in academic and networking workshops; learned from the experiences of professionals in the tech industry.