

Vivian Li

Aiming to leverage a unique and intriguing knowledge of how pedagogy and human behavior can be applied to user experience and user interface to create intuitive and alluring designs.

EMAIL: vivian_s_li@brown.edu

GITHUB: <https://github.com/vivsli>

PORTFOLIO: vivs-portfolio.herokuapp.com

ART: sites.google.com/view/vivsliportfolio

EDUCATION

BROWN UNIVERSITY

Expected graduation May 2022

GPA: 3.95/4.0

Computer Science/Psychology Double Major

Education Minor

Relevant Coursework

- User Interface and User Experience
- Introduction to 3D Animation
- Social Psychology
- Collective Cognition
- Mind, Brain, Behavior
- Statistical Methods

Awards, Honors, Certifications

- Dean's List
- Engaged Scholars Program: for students who are passionate about contextualizing abstract theories and challenging assumptions for the betterment of communities
- Scholastic Art and Writing Awards National Gold Medal in Drawing and Illustration
- Atlantic Coast Conference Academic Honor Roll
- Teaching English as a Foreign Language (TEFL) Certification
- Girls Who Invest Online Intensive Program

Extracurricular Activities

- Brown University Division I Fencing Team
- DAEBAK Dance Association Co-Communications Chair

WORK EXPERIENCE

RESEARCH ASSISTANT

Brown University / Jun 2020 – Present

- Finalized coded interview answer databases for statistical analysis using *Epidata Entry* and *Microsoft Excel*
- Analyzed the correlations between socioeconomic class and the coded answers from child interviews using *R* to draw evidence-based conclusions on the impact of culture on learning beliefs in children
- Overrode corrupted data to enhance reliability of research conclusions

K-12 SAT/SPANISH TUTOR

Self-Employed / Jun 2016 – Present

- Designed and executed personalized curricula for 18 students
- Motivated students to maintain high self-efficacy and determination
- Improved students' grades/SAT scores such that they could enroll in higher-level courses and increase their GPA

ENGLISH TEACHER

WorldTeach, Riobamba, Ecuador / Jun 2019 – Aug 2019

- Designed an engaging English-learning curriculum through music
- Taught 111 children from ages 3 - 15 years old in Spanish for 6 weeks
- Collaborated with teachers and camp counselors to create an immersive, English-Learning summer camp for an underserved community.

PROJECTS

ITERATIVE DESIGN: Created an interactive hi-fi prototype of a desktop website using *Figma* for *Quell*, a pioneer in fitness gaming. The first iteration was user-tested via *Ustesting.com* and the feedback was incorporated into later iterations.

MOCKUPS AND RESPONSIVE WEB DESIGN: Redesigned the class website for a computer science class. The original website was first analyzed for usability and accessibility using *WebAIM WAVE* and a *screen-reader* respectively. I then created wireframes using *Balsamiq* and then made a mock-up using *Adobe XD*. Finally, I transformed my mockup into a real responsive website using *HTML* and *CSS*.

PROGRAMMING WITH REACT: Coded a website using *React* that allows the user to view all my previous art works and also sort and filter the artwork along certain criteria (i.e. oldest to newest, medium used, etc.) The website was deployed using *Heroku* and can be found here: <https://my-art-cart.herokuapp.com/>

3D ANIMATED SHORT FILM: 3D animated a short film using *Maya Autodesk* and *Arnold Renderer*. Watch it here: <https://youtu.be/BPSvNsn7N08>

A/B TESTING: Performed an A/B test using two different shopping cart interfaces. User logs were parsed and cleaned with *Microsoft Excel* and statistical analysis were conducted using my own hand-coded *Python* script.

For more projects, see my design portfolio linked above

SKILLS

PROGRAMMING:

Proficient in
Experience in

*Python, HTML, CSS, Scala, Java
JavaScript (+React), R, Flutter*

DESIGN:

Low to High Fidelity Prototyping
Personas + Storyboarding
3D Modelling and Animation
A/B Testing
Responsive Web Design

*Adobe XD, Figma, Balsamiq, Invision
Procreate
Maya Autodesk, Adobe Premier Pro
Python
HTML, CSS, JavaScript (+React)*

OTHER:

Traditional Art
Languages

*colored pencil, oil paint, ink, graphite, watercolor
fluent English and Chinese, advanced Spanish, intermediate Japanese*