ANNIE CHEN

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EDUCATION

Brown || RISD Dual Degree Program • Fall 2018 -present

Five-year joint study program; will obtain a separate degree from each institution

Brown University • B.A. Behavioral Decision Sciences, Biology • GPA: 4.0

Relevant Coursework: *Principles of Ecology, Introduction to Object-Oriented Programming, Foundation of Living Systems, Equilibrium, Rate, & Structure, Design for Space Systems, Human Cognition, Design of Space Systems, User Interfaces & User Experience, Essential Statistics, Genetics*

Rhode Island School of Design • B.F.A. Industrial Design • GPA: 3.97

Relevant Coursework: *Design Foundations, Spatial Dynamics, Wood I, Metal I, Solidworks, Toy Design for Social Justice, Design Principles*

AWARDS & HONORS

NASA Ames Innovation Fair, *Awardee* • 2020

Project on Miniature Biomimetic Swarms for Remote Sensing (submitted with Dr. Lynn Rothschild) was among seven projects selected by the NASA Ames Research committee for 25k in funding

RISD Textron Internship Grant, *Recipient* • 2020

RISD Experimental Foundations Studio Scholarship, *Recipient* • 2019

One of five students recognized for outstanding academic achievement during freshman year

EXPERIENCE

NASA Ames Research Center, *Synthetic Biology Researcher* • Summer 2020 – present

Work with Dr. Lynn Rothschild, as well as the microfluidics team in her lab, to research, design, and prototype biomimetic solutions to atmospheric sensing platforms for both on and off-earth applications. Designed two swarm-based approaches to in-situ atmospheric biosensing, after consultation with experts in the fields of microfluidics, astrobiology, and space systems.

RISD Experimental and Foundation Studies, *Teaching Assistant* • Fall 2020 – present

Assist Professor Yevgeniya Baras in teaching her Foundations Design Studio

Design For America, *Work & Play Team Member, Outreach Director* • Spring 2019 – present

Plan and create design thinking workshops and speaker events centered upon social impact design; Develop community partnerships and external mentorship networks.

Brown University Virtual Environment Navigation Lab, *Research Assistant* • Summer 2019

Utilized motion tracking software to analyze spatial navigation in crowds & large spaces

SKILLS

Design Software

Photoshop • InDesign • Illustrator • Solidworks • Keyshot • After Effects

Microsoft Office

Word • Powerpoint • Excel

Design Process

Prototyping • 3D Printing •Laser Cutting User Research • Materials Research

Programming Languages

HTML • CSS • Java