

Christina Wu

Multidisciplinary Innovator Focused on User-Centric Solutions

[Portfolio](#)

[Email](#)

[Linkedin](#)

EXPERIENCE

Trainee, Fullstack Development Program / [Solely](#)

May 2023 - Present / Remote

- Undergoing rigorous training in full-stack development through **four hands-on projects** in frontend and backend technologies
- Deepening understanding in HTML, CSS/LESS, Javascript, Bootstrap, Data Structures, Node.js, Higher Order Functions and Algorithms, React, Redux, React-Hooks, Typescript, Node.js, Express, MongoDB, Mysql, SVN, VPM, YARN

Game Developer, Quantum Mechanics Web Game / [Georgia Tech](#)

May 2023 - Present / Atlanta, GA

- Independently designing and launching a level-based educational web game about key concepts of quantum mechanics
- Adopting a **human-centered design** methodology, conducting in-depth **user research** and **iterative testing** to optimize the user experience based on feedback

Web Developer, Semiconductor Physics Project / [Georgia Tech](#)

Aug 2020 - Present / Atlanta, GA

- Spearheading the development of a **scientifically accurate** and **highly interactive** educational platform in collaboration with Professor Naeemi Azad from the ECE department, with a focus on semiconductor principles
- Implementing advanced **data visualizations** and **dynamic animations** utilizing D3.js and P5.js libraries
- Achieved **widespread adoption** of the platform in Georgia Tech physics classes, **expanded its reach to other universities**, and generated opportunities for **paper publications** and **conference presentations**

Lead Technologist, Nike Store UX Innovation Project / [Cognizant](#)

Jan 2023 - May 2023 / Atlanta, GA

- Guided the creation of an experiential design project in collaboration with Cognizant, aimed at revolutionizing the in-store experience for Nike
- Developed an interactive display where shoe selection triggers AI-driven animations and **real-time** sound, offering customers an **immersive** preview of the shoes' features
- Collaborated with musicians for **synchronized** soundscapes, creating a dynamic, sensory shopping environment

Project Lead, Create-X Accelerator Program / [Georgia Tech](#)

May 2019 - Aug 2019 / Atlanta, GA

- Conceptualized and launched an **AR-enabled** iOS app for interactive stickers, selected for a top **startup accelerator**
- Conducted extensive customer interviews to hone **product-market fit**
- Developed and tested a **Minimum Viable Product**, showcasing innovative AR and image recognition features
- Drove over \$1,500 in sales through targeted social media campaigns and effective **value proposition** development

EDUCATION

[Georgia Institute of Technology](#)

Aug 2020 - May 2024 / Atlanta, GA

M.S. Human-Computer Interaction

GPA: 3.86/4.00

[Georgia Institute of Technology](#)

Aug 2016 - Dec 2019 / Atlanta, GA

B.S. Physics

GPA: 3.54/4.00 Graduation with High Honors

SKILLS

Technologies

JavaScript / TypeScript / Java / Python / C / C++ / HTML / CSS / LESS / SASS / Git

Frameworks

React / Redux / React-Hooks / Angular / Bootstrap / jQuery / Node.js / Express.js / D3.js / P5.js

Databases

MongoDB / PostgreSQL / MySQL / Redis

Design

Storyboarding / User Journey Map / Wireframing / UI Design / Illustration / Animation / 3D Modeling / Branding / Responsive Design

Research

User Interviews / Survey / Data Analytics / Affinity Mapping / Journey Mapping / Experience Mapping / Usability Testing / Competitive Analysis / Personas

LANGUAGES

Chinese (Mandarin) / English

AWARDS

Shenzhen Global Design Award

Digital Category Mar 2023

AHECTA Student Production Award

for Social Impact May 2018