

Haoran Shi

(754) 280-5381 | haoran.shi006@gmail.com | linkedin.com/in/haoran-shi2 | github.com/JennaShi006

EDUCATION

B.S. in Computer Science and Statistics

May 2028

University of Florida | Gainesville, FL

GPA: 4.0/ 4.0

- Coursework: Data Structures & Algorithms, Software Engineering, Computer Organization, Programming with Data in R
- Awards: Spring '25 Dean's List | National Merit Scholar | Benacquisto Scholarship | UF Presidential Platinum Scholarship

EXPERIENCE

Software Engineering Intern

June 2025 - August 2025

Silversea Media

Singapore

- Engineered an AI-driven knowledge system for ancient Chinese poems using Python, OpenAI RAG techniques, and custom TTS integration, deployed within an interactive metaverse platform to enhance user engagement in educational contexts.
- Developed browser-based interactive audiobooks for children using HTML, CSS, and JavaScript, optimizing audio playback and UI responsiveness for cross-device accessibility.
- Proposed and began prototyping internal tools to automate manual workflows and improve operational efficiency, contributing to broader software process optimization initiatives.

Storiza Reading App Research Assistant/Software Engineer | Javascript, Python, React

January 2025 - Present

UF Virtual Learning Lab

- Developed a gamification framework using prompt engineering with an interactive map for the Storiza reading app.
- Queried OpenAI for a 9-part story outline, comprehension questions, and thematic images in the game mode.

INVOLVEMENTS

CASA Performance Director

May 2025 - Present

Chinese American Student Association

Gainesville, FL

- Oversaw end-to-end coordination for over 150 dancers and 14 choreographers, including rehearsal scheduling, application management, prop/food logistics, and inter-organizational communication across multiple student groups.
- Led live production efforts for events with audiences exceeding 1,000 attendees, managing recordings and stage operations under tight timelines and complex cue sequences.

Co-Director of Public Relations

September 2024 - Present

CS Kickstart

Gainesville, FL

- Led coding workshops for 30+ attendees at the 2025 CS Kickoff event to introduce Computer Science to incoming students.
- Crafted a new visual theme for the 2024-25 academic year and created weekly graphics, driving a 446% increase in Instagram reach and 72.0k+ profile views in 3 months.

PROJECTS

STEAM Team Cade Museum Engineering Exhibit | Electronics Subteam Lead | C++, Arduino

August 2024 - Present

- Collaborated with 30+ individuals in the Society of Women Engineers Design Team and built an interactive exhibition for young children incorporating art and engineering presented at the Cade Museum for Creativity & Innovation 2025 Summer Exhibit.
- Led a team of 10+ individuals in developing 3+ electronic motors for the attractions of the exhibit utilizing Arduino.

Luna | React Native, Javascript, Firebase, Google Gemini

February 2025

- Created an iOS app that advises the safety of a food product based on the user's dietary restrictions.
- Integrated Firebase authentication for unique user profiles and storage of user app use history.
- Utilized Google Vision and Google Gemini apis to scan food products and produce a curated recommendation.

TECHNICAL SKILLS

- Languages: Python, C++, Javascript, R, Java, HTML/CSS
- Frameworks/Developer Tools/ Libraries: Firebase, React, Pandas, Arduino, Onshape, SolidWorks, Canva, Adobe Fresco