

AILEEN SHI

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EDUCATION

CLEMSON UNIVERSITY

Bachelor of Science

Major in Computer Science

Cumulative GPA: 3.92/4.0; Magna Cum Laude

Relevant Coursework: Web Application Development, Cloud Computing Architecture, Usable Privacy and Security, Software Engineering

Clemson, SC
December 2024

WORK EXPERIENCE

CLEMSON UNIVERSITY

Watt Intern

Clemson, SC
Aug 2022 – December 2024

- Updated and maintained CSS and HTML for a university webpage
- Supervised and trained students on how to use VR equipment in the Clemson Immersive Space
- Collaborated with professors to integrate Immersive Space resources with course teachings for nursing students

PROJECTS

Trucking Rewards App

Fall 2024

- Designed and implemented web application in a 5-person team to track and reward driver performance
- Utilized Amazon AWS for deployment using Amazon EC2 and RDS
- Planned designs landing page and dashboards in Figma that were implemented in React
- Built a custom API in Django for updating and retrieving user data stored in MySQL table

Card Collection App

Summer 2024

- Developed a web application for users to search for cards using the Pokémon TCG API
- Recorded data for different users using PHP and a database in MySQL
- Conducted usability testing to improve UI for user experience

Color Palette Generator

Fall 2023

- Implemented a Python program generates a color palette from an uploaded image
- Utilized scikit-learn library to use a k-means clustering algorithm to extract dominant colors

ACTIVITIES

Digital Interactive Arts Lab

President

Clemson, SC
Jan 2023 – Dec 2023

- Directed workshops teaching students creative applications of AR technology
- Coordinated community outreach efforts through events and designing promotional materials using Adobe Illustrator

ADDITIONAL

Languages: C/C++, Python, JavaScript

Technologies/Frameworks: HTML, CSS, React, Django

Tools: Git, GitHub, Visual Studio Code, Azure DevOps, Figma

Databases: MySQL

Platforms: Amazon AWS