

# AILEEN SHI

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## EDUCATION

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### 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

Dec 2024

## WORK EXPERIENCE

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### CLEMSON UNIVERSITY

Watt Intern

Clemson, SC

Aug 2022 – Dec 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

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### 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 the designs for a 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
- Tracked 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 that generates a color palette from an uploaded image
- Utilized scikit-learn library to use a k-means clustering algorithm to extract dominant colors

## ACTIVITIES

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### 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

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**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