ALVIN YANG

alviny@clemson.edu

(917) 517-1257

1614 Westview Drive, Florence, SC 29501,

Github: sosoUtopia   Website: alvinyang.netlify.app

EDUCATION

Clemson University   **Clemson, SC**
Bachelor of Science in Computer Science   **May 2025**
                                                                    Second Semester Sophomore
                                                                                      GPA: 3.86

WORK AND LEADERSHIP EXPERIENCES

Sensor and AI for Psychotherapy - Creative Inquiry   **January 2023- Present**
Undergraduate Data Science Assistant Researcher   **Clemson, SC**
- Goal: Create training tools using machine learning model from data extracted from therapy sessions
- Collaborating with 5 students weekly to discuss project progress
- Learning to mine audio data from psychology sessions
- Using OpenBCI Cyton Biosensing Board to collect scientifically-validated physiological data
- Applying MATLAB to analyze and visualize physiological data

Clemson Asian Student Association   **April 2022 - Present**
Historian   **Clemson, SC**
- Document events planned by the organization via photography and videography methods
- Manage social media accounts associated with organization through multiple posts monthly
- Coordinate event planning for 70+ attendees with various on campus organizations monthly

Yummy Cuisine   **May 2016 - Present**
General Restaurant Assistant   **Florence, SC**
- Communicate with staff frequently to ensure a cohesive work environment
- Interact with approximately 80 customers daily to maintain a positive dining experience

PROJECTS

Social Media Sentiment Paper Trader   **LPL Financial Hackathon, Spring 2023**
- Implement Reddit and Twitter API to extract social media data regarding the stock market through sentiment analysis and interacts with the Alpaca Paper Trader with frontend and backend
- Utilize Django, Django REST, Python, React, Typescript, TextBlob, Tweepy, Pandas, Numpy, Praw

KeyLogger-Plus   **Fall 2022 - Present**
- A local key-logger that tracks the user's keyboard and performs data analysis and visualization, which involves SQLite relational database, storing log information in real time, and PythonGUI.
- Utilize Python, SQLite, Numpy, Textblob, Threading, Pynput, Datetime, Tkinter

Portfolio Website   **Fall 2022**
- Employ technical frontend design choices for a website showcasing personal portfolio
- Utilize ReactJS, HTML, CSS, API

Ball Game   **CUHackit Hackathon, Spring 2022**
- Interactive Javascript 2D animation shooting game in the Clemson CUhackit 2022 Hackathons
- Utilize Vanilla Javascript, HTML, CSS

ACCOMPLISHMENTS

- President's List (Fall 2022)
- Merit scholarship recipient of the Carolinas Chinese Chamber of Commerce Scholarship (2021)
- FIRST Robotics Competition Palmetto Regional Championship (2020)

SKILLS

- C++, C, Python, Django, SQL, Java, ReactJS, Javascript, HTML, CSS
- Microsoft Office, Fluency in Mandarin Chinese, Fuzhounese