Chenyang (Justin) Lai

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Education

University of California, Los Angeles   Los Angeles, CA
GPA: 3.85   Expected June, 2024
Intended major: Math of Computation (B.S.)
Intended minor: Spanish

Qualifications Summary

Languages: Python, C++, HTML/CSS/JavaScript
Relevant Coursework:
- Programming in Computing 16A: Python with Applications
  - Data visualization, machine learning, interaction with SQL databases, and creation of GUIs
- Programming in Computing 10B: Intermediate Programming (C++)
  - Data structures, inheritance, recursion, GUIs, and generic algorithms
- Computer Science 130: Software Engineering (C++) (planned)
  - Large-scale software project; scalable software engineering practices, teamwork, tools and processes

Projects

Personal Site | *HTML, CSS*   **Feb. 2022**
- A personal website with my resume, photo, and projects
- https://justinlaicy926.github.io/Personal-Site/

Stock Trading SMS Alert | *Python*   **Feb. 2022**
- Utilizes Yahoo Finance API to screen for irregular price movements and breakouts
- Utilizes Twilio API to automatically send alert to selected phone numbers
- Ongoing: More precise price channel following and potential trade executions

Machine Learning Penguin Project (PIC-16A) | *C++*   **Feb. 2022**
- Building machine learning models to predict penguin species based on given body parameters

Zombie Dash Game (PIC-10B) | *C++*   **Nov. 2021**
- Use object-oriented programming to create and manage zombies, player, perks, walls, etc
- Creates a GUI for players to interact with the game

Experiences

#100Devs Coding Bootcamp, Jan. 2022-Present
Participant
- A 100-week full-stack web development bootcamp
- Building responsive websites using HTML, CSS, JavaScript

Zinvest Financial Service LLC, Dec. 2020-Feb. 2021 (remote)
Intern
- Collaborated remotely with international teams on UI designs of the new Zinvest trading app
- Fine-tuned translations and localizations of features of the new Zinvest trading app