Wallace Hwang

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🕊 https://www.wallacehwang.net/

💼 Professional Experience

July 2023 – Current
Remote, United States

Remotasks
AI Training Programmer
- Trained and improved **artificial intelligence** (AI) systems and **large language models** (LLMs) for Smart Ecosystem, a **Scale AI** affiliate
- Provided corrected or revised responses for optimizing the training process of Remotasks' **generative AI**
- Wrote **test cases**, **code**, **explanations** for code, and **ranked responses** to interact with AI models
- Utilized expertise in **React**, **JavaScript**, **Python**, **C/C++, SQL** and other technologies (e.g., **Command line arguments**) to supply AI models with accurate responses

June 2022 – September 2022
San Francisco, CA,
United States

Amazon Music, Amazon
Software Development Engineer Intern
- Part of the Playback Experience team (Playback Engine)
- Implemented playback speed feature on desktop version of Amazon Music
- Developed, tested, and deployed **full-stack solutions** in **VueJS, TypeScript, HTML, CSS, and C++** for interactions between UI and team's playback engine
- Partnered with metrics team to create tracking metric in **C++ and JavaScript**
- Utilized **unit tests** to perform **end-to-end testing** on code
- Wrote documentation, conducted research, and created **sequence diagrams** supporting the new product
- Collaborated with cross-org developers to push the feature into production

June 2017 – September 2017
San Jose, CA, United States

CHT Global, Chunghwa Telecom
Data Analyst Intern
- Managed, organized, and analyzed information on own company and competitors' mobile hotspot plans
- Presented findings to company in order to gain better insight on how we compare with competitors
- Used **Microsoft Excel** to organize data and extrapolate new information

January 2016 – July 2016
Irvine, CA, United States

Hanley Chess Academy
Chess Instructor
- Provided instruction from beginner to intermediate level chess players
- Designed and arranged problems for students to solve
- Organized events and tournaments for academy members to participate in

📁 Personal Projects

July 2023

Wallace Hwang E-Portfolio
- Built using **React, HTML,** and **CSS**
- Responsive web page using **media queries** and **react-responsive** library
- Contains advanced animations developed with **CSS keyframes**

November 2021

Commute-Based Schedule Optimizer
INRIX Hackathon (Winning Team)
- Created an optimized commute scheduler that integrates with Google Calendar
- Leveraged both **Google and INRIX's APIs** to develop an accurate commute time estimator
- Compiled drive, park and walk time data, and made estimation models using **Python**
- Applied estimated times to a user's Google Calendar for events on their calendar

July 2021 – August 2021

Interactive Discord Bot
- Utilizes **Riot Games' API** to extract user information based on interactions with user
- Automatically detects and reacts to messages being sent in a community server
- Written in **Python3**, published on Replit, and runs 24/7
- Provides user with feedback on how they perform and can improve based on user's data

🎓 Education

September 2019 – June 2023
Santa Clara, CA, United States

Santa Clara University | 3.6 GPA
Bachelor of Science, Computer Science Major, Mathematics Minor

⌨ Technologies

Proficient: Python, C/C++, JavaScript, React, TypeScript, HTML, CSS, React Native, Flutter, MySQL, Oracle SQL, Git
Familiar: Java, Swift, VueJS, ARM Assembly