Tony Liao

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Github: https://github.com/Kuanchiliao1
Portfolio: https://tony-landing-page.netlify.app/portfolio/

FRONTEND WEB DEVELOPER

- Neuroscience graduate passionate about web development and automating workflows through integrating large language models into applications.
- Proven communicator and problem-solver with a knack for collaborating with diverse teams.
- Committed to professional growth in Frontend Development and actively seeking a challenging role in the field.

SKILLS

- Frameworks and Libraries: **React, Bootstrap, Tailwind, Sinatra, Three.js**
- Languages: **HTML, CSS, JS, SQL, Ruby, AHK**
- Tools: **Git/Github, Linux, Figma, SCSS, Vue, JQuery**

EDUCATION

Launch School   July 2022-Current
A mastery-based learning school for Software Engineers (https://launchschool.com/employers) / Remote
- Completed all projects, written assessments, interview assessments, and projects for the Ruby backend curriculum (https://launchschool.com/courses).

University of California Santa Barbara   September 2018-June 2022
Bachelor of Science in Biopsychology(Behavioral Neuroscience) / Santa Barbara, CA
- 3.92 GPA with High Honors
- Use coursework in memory + other sources to learn new skills quickly and effectively.
- Coursework in Public Speaking, Writing, Relationship Psychology, and various Biology courses.

PROJECTS

Quizzical (live site/source)
- Developed **React** quiz application that generates personalized quizzes by leveraging GPT-3.5.
- Designed user-friendly features such as bookmarking questions, requesting generated explanations, and receiving AI feedback with no additional dependencies besides **React**.
- Utilized local storage to save quiz questions and user scores, providing users with an easy way to review saved questions and track their progress.

Love Letter Generator (live site/source)
- Created a unique **HTML**, **CSS**, and **Vanilla JavaScript** application for generating custom love letters
- Utilized prompt engineering to generate the HTML compatible output while minimizing token usage for speed and cost.

Personal Autohotkey Script (source + demo video)
- Developed a personal **AutoHotkey** script to automate various tasks and improve my workflow. Ongoing project since 2019.
- Compiled a large collection of scripts over time, continually adding new functionality and optimizing existing code to automate my workflows.

What to Say (live site/source)
- Built a web application using Ruby and Sinatra. Implemented a **PSQL** database to store and retrieve data for the application.
- Utilized best practices such as preventing XSS attacks via input escaping to ensure the security of the application.
- Applied the fundamentals of **CRUD** operations and the concept of a stateful web application.
- Developed a user-friendly interface for the application using **HTML**, **CSS**, and **JavaScript** and added **Bootstrap** later on.

WORK EXPERIENCE

Community Service Officer   October 2018-Jan 2021
University of California, Police Department | Santa Barbara, CA
- Assisted in maintaining public safety on campus by quickly adapting to various situations, communicating directly with dispatch to report emergencies, and implementing crowd control for special events. Demonstrated strong problem-solving skills and the ability to think on my feet in high-pressure situations.
- Trained in de-escalation techniques and conflict resolution to assist in maintaining a safe and peaceful environment on campus. Conducted public relations work to facilitate communication between police and students in a college community and provided walking escorts for students feeling unsafe at night.

Crisis Counselor   February 2020-December 2020
Crisis Textline | Remote
- Provided emotional support and guidance to individuals in crisis via text message communication, utilizing active listening and empathy to build rapport and establish trust with clients.
- Assisted texters in identifying and addressing the root causes of their crisis situations and collaborated with them to develop personalized action plans and coping strategies to manage their crises. Utilized crisis intervention techniques to de-escalate intense emotions and prevent self-harm or suicide.
- Empowered individuals in crisis from self-harm, suicide, depression, and more through a collaborative problem-solving approach. Utilized a variety of techniques and strategies to assist clients in managing their crises and finding healthy ways to cope with their emotions.

OTHER SKILLS

- Possess superb organizational and time management skills, familiar with Excel and Todoist for Kanban.
- Experience with various space repetition learning software like Anki for knowledge management and learning.