

# Tony Liao

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Github: <https://github.com/Kuanchiliao1>

Portfolio: <https://tony-landing-page.netlify.app>

## PROFESSIONAL SUMMARY

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Passionate and driven behavioral neuroscience graduate who loves learning. Adept at finding strategies to automate programming workflows. Exhibits excellent communication and problem-solving skills, tact, and flexibility in collaborating with people of diverse backgrounds. Currently developing my programming skills and pursuing a position as a Frontend Developer.

## SKILLS

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- Tools: Git/Github, Linux, Figma, Sinatra, SCSS, Bootstrap, Tailwind, Vue, Three.js, JQuery
- Languages: HTML/CSS/JS, SQL, Ruby, AHK
- Concepts: HTTP request/response cycle, OOP, Unit testing, CRUD, Security, Data structures

## EDUCATION

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### Launch School

July 2022-Current

A mastery-based learning school for Software Engineers (<https://launchschool.com/employers>) / Remote

- Completed Ruby backend and currently working on the Javascript Frontend course from the Core Curriculum(<https://launchschool.com/courses>).
- Demonstrated proficiency in PEDAC (Problem, Examples, Data Structures, Algorithm, and Code), a general problem solving framework that separates logic and code.

### 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
- Analyze physiology/psychology of the brain and how it relates to human behavior.
- 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

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### Space Tourism ([live site](#)/[source](#))

- Created a responsive, multi-page website advertising space tourism using HTML, CSS, and JavaScript.
- Utilized CSS custom properties and utility classes to achieve a more modular and maintainable codebase.
- Used this project as an opportunity to study best practices for accessibility and to gain insights into professional development strategies, including project planning and implementation using a Figma design file.

### 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 programming and regular workflows.
- Enabled easy use of A.I. assistant anywhere from the computer using the OpenAI API.

### What to Say ([live site](#)/[source](#))

- Built a web application using the Ruby programming language and the Sinatra framework. 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.
- Learned 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 implemented Bootstrap later on.

**Rec Analyzer ([source](#))**

- Acted as unofficial team lead with two friends on an ongoing project to develop a web application for managing and analyzing personal recommendations for shows, movies, and other content.
- Assisted in creating design files using Figma for all aspects of the web application, including layout, user interface, and interactions.
- Used this as an opportunity to explore and gain exposure to SCSS.
- Learned to use version control and collaborate on a project in a team setting.

**WORK EXPERIENCE**

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**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.
- Built positive relationships with students and other members of the community through excellent communication.. 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.
- Trained in de-escalation techniques and conflict resolution to assist in maintaining a safe and peaceful environment on campus. Managed daily patrols of facilities, garages, parking lots, and grounds to ensure the safety and security of students and staff.

**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**

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- 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.