
Terry Pi, Software Engineer

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SKILLS

- Proficient in: C++, Javascript, CSS, Python, PostgreSQL
- Frameworks: React, Redux, Flask, Sass, Gatsby
- Natively fluent in English and Mandarin

EDUCATION

University of California, Santa Barbara - *B.S. Computer Science*

Sep. 2019 - Jun. 2024 (E)

GPA: 3.73 | ACT: 33/36 (M: 29, E: 36)

Coursework: CMPSC 32 - Object Oriented Design and Implementation, CMPSC 154 - Computer Architecture, CMPSC 156 - Advanced Applications Programming, Math 6A - Vector Calculus with Applications

EXPERIENCE & PROJECTS

Loop Babies Band Website

JUN 2020 - SEP 2021 | <https://www.loopbabies.com/>

- **Designed, created and maintained** [loopbabies.com](https://www.loopbabies.com/) using Gatsby and jamstack architecture
- **Applied** React forms to allow for real-time song requests during performances
- **Incorporated** full internationalization for the website for both English and Mandarin Chinese

UCSB Connect

SEP 2020 - NOV 2020 | <http://ucsb-connect.com/>

- **Coded** a full stack social media app using React, MongoDB, Express, and NodeJS
- **Devised and actualized** authentication, state management, and a full backend API

Twitter Archive and Analysis Tool

SEP 2021 - OCT 2021

- **Built** a Flask application that automatically fetches a user's liked Tweets using the Twitter API
- **Displays** tweets using a local HTML file, with search and media displaying functionality offline
- **Implemented** analysis on the tweets based off of NLP

OTHER

Loop Babies - Band leader

TAIPEI, TAIWAN | APR 2020 - SEP 2021

- Led a band of three members to create live music with keyboard, voice, and a loop station
- Organized and performed weekly a wide range of music with improvisational elements for guest, performing over 30 times for over 1,000 guests
- Led a variety of musical performances since high school.
- Directed a variety of films and videos for various events: year group graduation video, a short film on AIDS awareness, multiple school office campaign and fundraiser videos.
- Volunteered at Harmony Home Taiwan, a shelter for children affected by HIV/AIDS