

EDUCATION

Santa Clara University, class of 2022, graduating early 2021. Computer Science. GPA 3.5.

EXPERIENCE

Software Engineer, SwingBeats; Santa Clara, CA — May 2019-Current

Received \$5000 grant to build iOS app by myself that led to publication (below) in IEEE Conference in Malaysia. Trip sponsored by university. SwingBeats is a team project of 4. The app vibrates based on beats of a song automatically made for beginner dancers.

Building Operations Specialist, SCU Housing — May 2019- Current

Helping students all over campus with service requests such as lockouts, door updates, lost cards, damaged equipments.

Business research assistant, SCU Leavey School of Business — November 2018-Current

Collected data on over 1000 firms, founders, funding status in businesses in the genomics sector for research with Prof. Jennifer Woolley.

Data Analyst, SCU Leavey School of Business — Nov 2018-Mar 2019

One time task to analyze 600K lines of conversational data using Python pandas for patterns of common enquires with Professor Wei Shi.

Freelance, Multiple; Kuala Lumpur, Malaysia — Feb 2017-2020

Built customer service chatbot for 97bros, a jewelry startup, used by thousands.
Built website for Gaya Mawar, food exporter, for product cataloging. HTML/CSS/JS
Built Wordpress blog for Crystalworldtour, local blogger.

PROJECTS

Guess that Beatles song (2020-Current)

Guess the right song based on lyrics from Beatles songs. Technologies used: Go, JS, HTML, CSS. Hosted on GCP.

Personal website (2019-Current)

Personal website containing writings, art, and data about myself. Written in vanilla JS, HTML, CSS. No frameworks.

Music without listening (2019-Current)

Selected 1000 songs to scrape off Youtube for music videos and used Spotify's data on musical features to find correlation between the two. Used AWS to process data.

Lavectus Inspiratus (2019-Current)

Google Chrome front page extension built during Hack For Humanity, SCU's largest annual hackathon. 20 Total users. Built using HTML/ CSS/ JS (d3.js).

Joke.ai (2017-2019)

Wrote a Facebook chatbot that dispenses a random joke to people. Sent over 800 messages in one day. Developed with api.ai (Now Google DialogFlow)

PUBLICATION

Requirements Analysis and Preliminary Development of SwingBeats: A Real-Time Haptic Beat Tracking System for Dance Education. IEEE HAVE (October 2019)

ACTIVITIES

Volunteer: Computer History Museum, CA (2020), Board member: SCU IEEE (2019-2020)