

Tammy Si

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EDUCATION

California Polytechnic State University - San Luis Obispo

Bachelors of Science, Computer Science. 3.9 GPA

San Luis Obispo, California

September 2022 – Expected May 2026

Relevant Coursework:

Fundamentals of Computer Science, Data Structures, Intro to Computer Organization, Project-Based Object Oriented Programming and Design

EXPERIENCE

IT Intern

AIDS Healthcare Foundation

June 2023 – August 2023

Los Angeles, California

- Developed mini purchase order system with HTML, CSS, and Javascript
- Automated Excel tasks by creating macros with VBA
- Assisted the IT department by resolving tickets
- Participated in a final project presentation to the CEO

PROJECTS

Eras Surprise Song Tracker | *MongoDB, Express, React, Node*

June 2023 – Present

- Developing a web app that keeps track of the surprise songs sung on Taylor Swifts Eras Tour
- Displays information about what songs have been played and have yet to be played
- Calculates odds of a song being played next tour date

Jake's Resume Maker | *Javascript, HTML, CSS, React*

April 2023 – May 2023

- Developed a website that creates a resume in the Jake's Resume format based on user input
- Uses the Overleaf API to generate the pdf file
- Hosted of Github Pages. Try it out at <https://tammy-si.github.io/odin-cv-generator/>

Sketch Daily Website | *Python, Flask, Javascript, CSS HTML*

October 2021 – December 2022

- Developed a full-stack web application using Flask, HTML, CSS, Javascript to display images based on a daily drawing theme
- Scraped data from /r/SketchDaily using Python's PRAW package
- Fetched images from Upsplash using their API
- Displayed scraped images in a photo gallery format
- Implemented a countdown timer that is based on user input with Javascript, HTML, and CSS
- Hosted on the Internet by using Heroku. Visit at <https://sketchdailywebapp.herokuapp.com>

Midnights Lyric Bot | *Python, AWS Lambda*

October 2022 – October 2022

- Developed a Twitter Bot to tweet out lyrics from Taylor Swift's Midnights album
- Interacted with the Genius API with the lyricsgenius Python library to get lyrics
- Accessed the Twitter API by using the Tweepy library to send tweets
- Scheduled the bot to tweet every hour with AWS Lambda

TECHNICAL SKILLS

Languages: Python, Javascript, Java, HTML, CSS, C

Frameworks: Flask, Express

Developer Tools: VS Code, Pycharm, IntelliJ, Git, Github

Libraries: React