

Harrison Lloyd

Sacramento, CA

☎ +1-916-919-7648 ✉ harrisonalloyd@gmail.com 🌐 harrisonlloyd.netlify.app in [Harrison-Lloyd](#)

EDUCATION

California State University - Chico

2026

Bachelor of Science, Computer Science

Chico, California

GPA - 3.5 / 4.0

Relevant coursework: Data Structures & Algorithms, Statistics & Probability, Discrete Math, Web & Mobile App Dev, Object-Oriented Programming, Cybersecurity, Databases & Calculus 1-3

WORK EXPERIENCE

JPMorgan Chase Virtual Internship Program

07/2023 - 08/2023

Gained hands-on experience in financial data analysis and algorithm development

Remote

- Troubleshooted and resolved **20** code issues, improving the functionality and performance of financial data applications.
- Used JPMorgan Chase's open source library called **Perspective** to generate a live graph that displays a data feed in a clear and visually appealing way for traders to monitor.

Data Collection Specialist at MRK Medical Consultants

06/2023 - 07/2024

Created a data collection initiative for legal expansion

Remote

- Led an initiative to build a database of over **4,000** personal injury lawyers across the country.
 - Enabled the business to expand into **3** new regions, **increasing potential client outreach**.
-

PROJECTS

Billboard Top 100 Playlist Creator

- Scraped Billboard's Hot 100 chart to extract song data for a specific date using **BeautifulSoup**.
- Used the **Spotify API** to create a playlist, matching and adding tracks by title and year, ensuring accuracy in song selection.
- Enhanced user experience by creating custom playlists, letting users relive the top songs of any given day.

Exercise Tracker with Natural Language Processing

- Processed user input through natural language to interpret exercises using the **Nutritionix API**.
- Logged workout data to **Google Sheets** using the Sheety API, **automatically recording** exercises with timestamps.

ISS Tracker with Email Alerts

- Tracked the ISS in **real time** with the Open Notify API and sent email alerts when it was overhead, using **PythonAnywhere** for continuous monitoring.
- Combined ISS position data with local sunrise and sunset times to send alerts only at night for optimal visibility.

Stock Trading Alert System

- Monitored stock price changes using the **Alpha Vantage API** and **automatically retrieved** relevant news articles using the News API.
 - Sent SMS alerts with price changes and relevant news headlines via **Twilio**, enabling timely decision-making for traders.
-

SKILLS, HONORS & EXTRACURRICULARS

- **Languages:** C/C++, Python, Dart, HTML/CSS, SQL, ARM Assembly, R.
- **Technologies/Web Frameworks:** Flask, React, Git, Flutter, REST APIs.
- **Extracurriculars:** Member of **ACM (Association for Computing Machinery)** and **Security Club**.
- **Dean's List**