

Kevin Cui

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EDUCATION

San Jose State University

August 2023 - Dec 2025

Bachelor of Science, Data Science

Relevant Coursework:

Data Structures and Algorithms, Advanced Python Programming, Data Visualization, Database Management Systems, R Programming, Machine Learning, Artificial Intelligence, Information Security

Associations:

- MESA (Mathematics, Engineering, Science, Achievement)
- ISPE (International Society of Pharmaceutical Engineers)
- SSG (Stanford Science Groups)
- SASE (Society of Asian Scientists & Engineers)

TECHNICAL SKILLS

| | |
|------------------------|---|
| Languages | Python, Java, R, SQL, Bash, HTML, CSS, Javascript, TypeScript |
| Frameworks | Tensorflow, PyTorch, React.js, Django, Flask, Dash, Tailwind |
| Developer Tools | Git, MySQL, Vite.js, Node.js, Scikit-learn, Seaborn |
| Platforms | Google Cloud, Docker, Clerk |

PROJECTS

Pokemon Moveset Predictor ♦ https://github.com/kevincui1034/cs163_group11

Jan 2025 - May 2025

- Collaborated in a 2-person team to develop a **Dash** web app built on **Flask** and **React** deployed on **Google Cloud**
- Handled training and testing using **scikit-learn** on data such as current Pokemon movesets and Pokemon type
- Utilized **Python** to scrape and clean 100+ files from the most popular Pokemon online battle dataset
- **Seaborn** is used to display the visualizations of the different options the user can choose depending on the Pokemon
- Predicts with 70 % precision using a Random Forest model after using K-means clustering

Finance Tracking Website ♦ <https://github.com/CCLDArjun/personal-budgeting-app>

Jan 2025 - May 2025

- Cloud-hosted finance tracking web app in a 2-person team using **Flask** with **Dash** for data visualizations
- User authentication and persistent data using a pickled file stored in **Google Cloud Storage**
- Real-time **Plotly** interactive data dashboards that handles user input
- Live data updates, persistent storage, and exception-based handling to prevent runtime crashes

Music Website ♦ <https://github.com/MrPicklesBush/SkipBeatTi>

Sept 2024 - Dec 2024

- Collaborated with a 5 person team to design and develop a music playing web application
- Design and developed a full-stack web app using **React** with **Vite** for faster development and build
- Leveraged **Clerk** for authentication and user management including OAuth and session handling
- Integrated Spotify API to enable playback with **MySQL** to store user data such as comments for each song
- Fully functional music streaming platform with user-interaction and persistent storage

WORK EXPERIENCE

Equinix, *Equinix Security* | Santa Clara, CA

Sept 2023 - Present

- Working with engineering and technician teams to ensure security of large data servers
- Engaging with major technology companies to ensure the ongoing maintenance and operational efficiency
- Employing security systems to safeguard access to the premises
- Ensuring the proper functioning of systems and preserving the integrity of data