

Brandon Chiou

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EDUCATION

University of California San Diego

Aug. 2023 – Present

B.S. Data Science

Cypress College

Aug. 2022 – June 2023

Associate in Computer Science

4.0 GPA

Coursework: Linear Algebra, Differential Equations, Data Structures & Algorithms Discrete Mathematics, Principles of Data Science

EXPERIENCE

Software Engineer Intern

Aug. 2023 – Sep. 2023

RealSun Information Tech Co. Ltd

REMOTE

- Developed an ETL tool using Java and MariaDB to store data from XML files
- Developed an application to retrieve data from the company's API endpoints to connect to multiple databases
- Improved data migration processes, increasing productivity for the back-end team

PROJECTS

Money Tracker App | *React, MongoDB, Express.js, Node.js*

December 2023 – December 2023

- Created an interface with React to submit, update, and delete transactions to a MongoDB database
- Developed POST, GET, DELETE API endpoints for retrieving data using Express
- Deployed the project to vercel

Spotify Playlist Downloader | *Python*

August 2023 – September 2023

- Wrote a Python script to download Spotify playlists locally
- Leveraged Spotify and YouTube APIs to aggregate song audio files

Amazon Review Sentiment Analysis | *Python, Jupyter*

May 2023 – May 2023

- Wrote a Python script to scrape Amazon product reviews, then performed sentiment analysis on the reviews
- Used a text classification checkpoint to generate sentiment scores

TECHNICAL SKILLS

Languages: JavaScript, Java, Python, C++, x86 Assembly, Bash, HTML/CSS, R

Technologies: React, Node.js, MongoDB, Express.js, MariaDB, Git, Postman