

DAVID CORTINAS

Software Engineer

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EXPERIENCE

Sole Developer

SongQuest | Austin, TX | June 2023 - Present

- Independently developed and engineered SongQuest, a music recommendation website, using Python Django backend and React.js frontend
- Utilized Spotify's API to create personalized music recommendations based on seed songs, artists, and genres.
- Integrated Spotify's API to fetch and display music data, providing a seamless user experience
- Collaborated with consultants to define feature specifications, successfully delivering a consumer product leveraging React
- Led the implementation of all application features, completing tasks independently, and proactively driving changes
- Engineered a copyright information retrieval feature for songs by implementing web crawling and scraping techniques, reducing copyright search time by 50% and ensuring legal compliance for song recommendations

Full Stack Software Engineer

QuotaPath | Austin, TX | September 2021 - February 2023

- Improved user experience through UI redesign, reducing development time by decreasing customer query resolution rate
- Ensured optimum performance by using automated testing frameworks and writing clear, maintainable code in both Python and TypeScript
- Used Python Django for backend data analysis, ensuring precise calculations and formatting, leading to error free front-end reports and exports
- Enhanced customer and user login efficiency by implementing Single Sign-On (SSO) with Google, Salesforce, and Close, resulting in a reduction in login time

Front-End Developer

Vancerts | Austin, TX | May 2021 - August 2021

- Combined Konva.js, JavaScript, and HTML to create an intuitive drag-and-drop stage-plot designer, resulting in an increase in user engagement
- Led design of widget and forms using CSS/HTML5, ensuring adherence to budget and achieving a cost savings
- Enhanced user experience with a seamless download feature for stage-plot and input list, resulting in an increase in user satisfaction

Full Stack Developer

Coding Temple | Remote | March 2021 - August 2021

- Engineered a full-stack website including user registration, login, and messaging utilizing HTML, CSS, Javascript, React, and Firebase Realtime Database
- Created a weather widget using JQuery, vanilla Javascript, Ajax, and the OpenWeatherMap API to provide real-time weather data
- Developed web applications with Python, Flask, and Jinja for front and back-end utility
- Analyzed data sets reflecting usage statistics with Python, Pandas, and NumPy in order to develop usable data in the development of future marketing plans

EDUCATION

New York University - MA in Music Business

Art Institute of Austin - BS in Music Production

TECHNOLOGIES

• CSS3	• HTML5	• Python	• JavaScript	• Typescript	• Axios	• Django	• Flask
• Reactjs	• PostgreSQL	• CircleCI	• Redux	• Docker	• Git	• MaterialUI	• Pandas
• REST	• Numpy	• Matplotlib	• Postman	• Ramda	• Web API's	• Zod	• NoSQL