

DAVID CORTINAS

Full Stack Software Engineer

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SKILLS

Software Languages:

- CSS3
- HTML5
- Javascript
- Python
- Typescript

Frameworks:

- Axios
- Django
- Flask
- Node.js/Express
- React

Databases:

- NoSQL (Realtime Database)
- PostgreSQL

Additional Tools and Skills:

- CircleCI
- Docker
- Git
- Jupyter Notebook
- MaterialUI
- Matplotlib
- Numpy
- Pandas
- Postman
- Ramda
- REST
- Web API's
- Zod

EDUCATION

New York University

MA in Music Business

Art Institute of Austin

BS in Music Production

EXPERIENCE

Full Stack Software Engineer QuotaPath | Austin, TX | September 2021 - February 2023

- Analyzed and manipulated data in our back-end system using Python Django to provide accurate and up to date calculations and formatting of data for front-end reporting systems and exports to provide a clear and concise experience for users
- Formatted, and shaped data coming in from the back-end using MaterialUI to update UI tables, Ramda to shape the data, and Zod to format types in order to provide transparent reporting of deal and compensation data for users
- Aided in the redesign of our front-end grid system using React TypeScript and MaterialUI to allow for a more seamless design experience for developers and an improved viewing experience for users
- Enabled a seamless login experience for customers and users of our application by leveraging SSO systems (Google, Salesforce, Close)

Front-End Developer Vancerts | Austin, TX | May 2021 - August 2021

- Integrated the Konvajs library with Javascript, and HTML to engineer a user friendly drag and drop stage-plot designer to provide an effective and memorable experience for users
- Spearheaded the design and layout plans for the widget and forms using CSS and HTML5 for the layout, sizing, and general style of the page
- Provided a seamless user experience by incorporating a downloadable stage-plot and input list using Javascript

Full Stack Developer Coding Temple | Chicago, IL | March 2021 - August 2021

- Analyzed data sets reflecting usage statistics with Python, Pandas, and NumPy in order to develop usable data in the development of future marketing plans
- 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

PERSONAL PROJECT

DEEP CUTS MUSIC LIBRARY

- Leveraged Stripe API's and Express to create a multi-tiered payment system including one-time payments and subscriptions
- Built a NoSQL database for product and order management utilizing Firebase Realtime Database
- Enabled multiple SSO options using Firebase Authorization to allow for a more seamless login experience
- Architected a responsive music streaming interface using ReactJS and NodeJS to deliver a friendly and effective user experience