

# JOSEPH QUATELA

*CS with a passion for  
creativity, innovation, and  
design.*

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☎ (954)-593-3365

📍 Fort Lauderdale, FL

🌐 Personal Website

🌐 LinkedIn

🐙 Github

## EDUCATION

Bachelor of Science

Computer Science

**Vanderbilt University**

📅 2020 - current

📍 Nashville, TN

🎓 GPA: 3.9

## RELEVANT COURSES

Programming and Problem Solving in  
Python

Program Design and Data Structures

Digital Systems

Discrete Structures

## SKILLS

**Programming**

HTML5/CSS/JavaScript

ReactJS

Python

C++

Unity

**Version Control**

Git

**Production**

Photoshop

Figma

Premier

Audacity

## WORK EXPERIENCE

Software Engineer Intern

**Open Avenues Foundation**

📅 Jan 2022 - current

- Used the ReactJS framework to build a Custom Query Search tool, allowing chain restaurants to quickly filter through data.
- Built logic for various input parameters, including tracking restaurant IDs, date ranges, specified times, and multiple numerical metrics.
- Employed a custom API that served data to the JavaScript front-end based on dynamically chosen user inputs.
- Collaborated with senior developers to brainstorm and implement ideas and feedback into the app's development

English Foreign Language Teacher

**Nashville International Center for Empowerment**

📅 Fall 2020 - Spring 2022

📍 Nashville, TN

- Taught multiple classes of 5 to 25 recent immigrants aged 20 - 60 years old English as a second language to help improve their quality of life and professional development in the United States.
- Built relationships with over 50 students and ensured all students felt attended to with personalized feedback, class discussions, and encouragement
- Offered outside resources to help students really grasp the language such as a groupMe messaging systems, individual learning, and Pimsleur courses.

## PROJECTS

Jammming

- Produced a web app using ReactJS that allows users to create and save new playlists to their spotify account.
- Designed the app so that users can see the complete playlist before saving, a feature not currently available in Spotify.
- Used the Spotify API to fetch multiple requests, such as search results and user account information, and to allow users to save the playlist to their account.
- <https://github.com/josephquatela/jammingapp>

Family Tree Database Program

- Created a Python class file to represent a person object, modeling the object after a person in relation to their family.
- Developed a client program with 12 options to allow the user to develop a family tree by smoothly adding, editing, and deleting person objects.
- <https://github.com/josephquatela/Family-Tree-Project>

Ravenous

- Used ReactJS to build a web app that allows users to search for restaurants of a specified type in a specific location.
- Employed the Yelp API to handle the search queries and return the restaurant information.
- <https://github.com/josephquatela/ravenousProject>