

Charlie Orch

361-489-1938 | charlieorch1@gmail.com | [linkedin.com/in/charlieorch](https://www.linkedin.com/in/charlieorch) | github.com/charlieorch

EDUCATION

Texas State University

San Marcos, TX

Bachelor of Science in Computer Science, Minor in Applied Mathematics

Aug. 2016 – August 2020

Relevant Coursework: Data Structures, Software Engineering, Computer Architecture, Artificial Intelligence

EXPERIENCE

Front End Developer, Intern

January 2020 – May 2020

Veve

Austin, TX

- Responsible for designing, coding, and modifying the website in React from layout to functionality according to the manager's specification
- Analyzed web traffic with Hotjar to improve website layout for better user experience
- Utilized GraphQL to load data from API to the client side to provide correct information with a sleeker design

Information Technology Support Specialist

Sep. 2019 – December 2019

Texas State University

San Marcos, TX

- Communicate with managers to set up campus computers used on campus
- Assess and troubleshoot computer problems brought up by students, faculty and staff
- Maintain upkeep of computers, classroom equipment, and printers across campus

Customer Service

March 2019 – August 2019

IcyRolls

San Marcos, TX

- Responsible for serving food and drinks to customers in an orderly manner
- Tasked with stocking, cleaning, and micro-managing the restaurant
- Provided additional help to customers who were displeased with service or new customers who needed a thorough walk-through of the menu

PROJECTS

Viber | *JavaScript, React, Node.js, Git*

June 2021

- Developed a full-stack web application that allows Spotify users to create and save a playlist to their account
- Implemented Spotify OAuth to get data from user's playlists
- Fetched Spotify data to show songs that users could search up
- Utilized JavaScript asynchronous functions (async/await) to correctly get, post, and save content from Spotify API to user profile

Munchie | *JavaScript, React, Node.js, Git*

May 2021

- Developed a full-stack web application that allows users to search nearby restaurants by providing a location
- Utilized the Yelp API to fetch various sets of data, display the information to users, and provide three options to sort the loaded listed of restaurants
- Implemented the Herokuapp CORS Anywhere component that allows correct credentials for CORS authentication

Texas State Desktop Application | *Java, JavaFX, MySQL, Jaunt, TravisCI, Git*

February 2020

- Developed a full-stack desktop application that allows Texas State students to view grades, calculate grades, and see current and/or past classes
- Implemented continuous delivery using TravisCI to build the application upon a new release/update
- Collaborated with classmates as a group to suggest features and get feedback about the application for improvement

TECHNICAL SKILLS

Languages: Java, Python, C/C++, SQL (MySQL), JavaScript, HTML/CSS, GraphQL

Frameworks: React, Node.js, Express.js, JUnit, Mocha

Developer Tools: Git, Docker, TravisCI, VS Code, IntelliJ, Eclipse, Contentful, Jira, Confluence

Libraries: Chai, NumPy, Material-UI, Jaunt