

Projects

Recipe Search

HTML, CSS, JavaScript, ReactJS, API, Firebase

- Front and back-end website that stores the user inputted ingredients into a database to be read and searched by the Spoonacular API.
- API searches existing recipes that contain the ingredients the user inputted and returns the recipe.
- Used Firebase Platform to handle Database hosting and google account authentication.

Visual Algorithm Sort

HTML, CSS, JavaScript, ReactJS

- Created a website that visually compares different algorithm speeds.
- Structured the interface to update in real time as the algorithm sorts the chosen array.
- Developed to gain experience in ReactJS.

Pomodoro Timer

HTML, CSS, JavaScript

- Created a Front-End website based on the popular Pomodoro productivity timer to gain experience with JavaScript.
- Allows users to stop and start timer while keeping track of current tasks they are working on.

Transaction Tracker

C#, LiteDB, Windows Form App

- Developed a C# windows form app that reads local bank statements and displays the cost and location breakdown to the user.
- Utilized a local Database to store the results and allow the user to query by year, location, or a range of years.
- Will return total money spent from queries.

Capstone Project - Mock Full-Stack Website

HTML, CSS, JavaScript, PHP, MySQL

- Created a mock inventory management website for my Capstone project Junior year of college in a team of 2.
- Implemented a user interface that contained account verification and user specific displays.
- Allowed the user to “buy” and “sell” inventory while storing all the information in an SQL database.

Education

- **B.Sc. Computer Science**, Northern Illinois University, DeKalb IL **2016–2020**
- **Course Work**, Algorithms, Data Structures, Operating Systems, Databases, Web development.

Technologies and Languages

- Languages: C++, C#, Java, HTML, CSS, JavaScript, ReactJS, Python, Scala
- Technologies: MySQL, Git