Joseph Picardat

Software Engineer

As a highly motivated and eager software engineer in the start of his career, I am seeking a position that can further my knowledge and experience in the field of technology. Completing my Bachelor of Arts and Coding Boot Camp congruently has honed my work ethic and demonstrated my ability to learn quickly in a fast-paced work environment. Through various projects, I have developed strong problem solving and analytical skills that can be applied to many industries.

Selected Projects

Web App "Peace Of Mind" (UT Bootcamp):

- Collaboration with five software developers to create a social media platform aimed at promoting mental health.
- Through the use of React, GraphQL, and MongoDB, Peace of Mind was developed to provide a safe and anonymous space to voice concerns and provide advice to fellow users.

Web App "Tarot Deck" (In progress):

- Tarot Deck is an app developed by myself and two other developers, to provide Tarot card readings to its users.
- This app will be in the Alpha stage Fall 2024.
- This application is founded on MongoDB, Express.js, React, Node, and GraphQL.

Sorting Algorithm Visualizer (Personal):

- Using React, Sorting Algorithm Visualizer provides a visual for various sorting algorithms.
- Users can select different sorting algorithms, adjust parameters such as the number of bars and the sorting speed, and view the sorting process in real time. Following the completion of the sorting process, the bars will create a wave effect.

Web App "Recipe IO" (UT Bootcamp):

- Recipe IO is a recipe book app that allows for the storage and organization of recipes with ease. Creating user accounts allows the user to create recipes and electronic cookbooks for personal use only.
- MYSQL2 allows the user to have the same recipe in multiple books. Giving the user the freedom to make cookbooks for every occasion without having to retype the recipe in each book.
- The project is founded on handlebars, CSS, JavaScript, MYSQL2, and other third-party APIs.

Web App "FlexboxIO" (Personal):

- FlexboxIO is a personal project that focuses on showing the simplicity of a flexbox through the React Library.
- The focus of this project was to create an app that was user-friendly and a fun learning experience about CSS flex properties.

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Skills

Programming Languages
JavaScript, HTML5, CSS, C++, Python

Tools & Platforms
VSCode, GitHub, Heroku, Webpack

Libraries & Framework
React, jQuery, GraphQL, Node.js, Express.js, MongoDB, AWS, Phaser.js, Vue.js, MySQL, MySQL2

Education

University of Texas at Austin

The Coding Boot Camp
June 2022-December 2022

Bachelor of Arts
August 2019-August 2024

Achievements

Eagle Scout
Senior Patrol Leader
Order of the Arrow
Wheelchair access ramp created for an elementary school as part of the Eagle Scout Project.

Double Bass Senior Recital
A recognition recital for achievement in double bass performance at the University of Texas at Austin.

Interests

Game development
Science fiction & fantasy novels
Disc golf