

# 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.
- As a Co-Founder, I contributed primarily to the front-end development and some backend integration using GraphQL. This project, built with React, allowed me to design custom components and ensure seamless interaction between the front-end and back-end.

### Web App "Tarot Deck" (In progress, Co-Founder):

- As a Co-Founder of Tarot Deck, a tarot reading app, I lead backend development and integrate technologies such as React, Vue.js, and GraphQL. I have contributed to approximately one-third of the project while playing a key role in project management and overall direction.

### Sorting Algorithm Visualizer (Personal):

- I built the Sorting Algorithm Visualizer in React, handling front-end design, algorithm integration, and visual feedback for algorithms like Bubble Sort and Quick Sort. I focused on creating smooth user interactions and optimizing performance for real-time sorting visualization.'

### 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.
- I handled backend development for RecipeIO, implementing MySQL2 to manage user recipes and recipe books. I focused on establishing efficient database structures and connections between tables, ensuring smooth data storage and retrieval for a seamless user experience.

### Web App "FlexboxIO" (Personal):

- I created "FlexBoxIO" using React, focusing on building an interactive environment for users to explore flexbox layouts. I developed real-time CSS adjustments for flex containers and items, simplifying the learning process with visual feedback and easy experimentation.

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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