

Tucker Chaisit

Software Engineer

Portfolio: tuckerchaisit.com
github.com/Tuckerchaisit

tuckerchaisit@gmail.com

(617) 699-8282

linkedin.com/in/tucker-chaisit

About Me

I am a well-rounded, detail-oriented software engineer with a background in electrical engineering. With engineering experience, I have a strong foundation in logical and critical thinking. I enjoy solving challenging and complex problems and am very enthusiastic about a challenge that has a positive impact on people's lives, society, and the world.

Skills

Programming: Javascript, Python, Matlab, C, Verilog, HTML, CSS

Databases: SQL, NoSQL, Mongoose, MongoDB, PostgreSQL,

Other: Express, Node.js, Git, GitHub, React, Postman, Bootstrap, MATLAB, OAuth, Heroku, REST, Data Structures

Projects

nextDate | Dating app that helps users plan the date and connect with other users

MongoDB, Express.js, React, Node.js, Mongoose, Sass

4/2022

- Implemented a multi-schema database using MongoDB and Mongoose with a one-to-many and many-to-many schema design
- Created a mobile-first responsive user experience built on top of a modularized MERN app with full CRUD capability including protected routes on the client-side routing
- led the team of three as a Scrum Master, and successfully implemented the Agile engineering process

groceList | Mobile focused app that helps make every visit to the grocery store faster and more efficient

Python, Flask, PostgreSQL, Jinja

4/2022

- Implemented a SQL database using Flask and PostgreSQL with a one-to-many schema design.
- Created a mobile-first responsive user experience with full CRUD capability with the ability for users to update their data directly.
- Designed the UX/UI, leveraging CSS Bootstrap and flexbox for a clean and responsive design.

BeeHungry | Responsive restaurants tracker app

JavaScript, Express.js, EJS, MongoDB, Mongoose, Bootstrap, Node.js (MEN Stack)

3/2022

- Implemented user authentication with Google OAuth to access Google API from client application requests
- Created one-to-many relationships between models and rendered the front-end with EJS templates.
- Built responsive server-rendered web app uses Mongoose, Express.js, and EJS in conjunction with MongoDB to deliver full CRUD functionality following REST Routing protocols

Blackjack | Responsive browser game

JavaScript, HTML, CSS (Flexbox & Grid)

2/2022

- Responsive browser game using JavaScript, CSS3, Flexbox, and Grid to create an accessible and fun user experience
- Programmed logic in JavaScript to track game conditions and render appropriate scenarios for the player with a win/loss conditions
- Used CSS positioning to keep the visual game flow in one space and combined it with CSS Hover/Animation Keyframes to create a responsive experience

Engineering Experience

Raytheon Technologies | Woburn, MA

07/2020-Present

Electrical Engineer

- Conducted and planned a detailed technical test plan for testing of radar, missile, and combat control systems resulting in a timely execution of the on-site testing
- Assisted with the on-site testing and troubleshooting of radar and missile systems for the US Missile Defense Agency
- Updated, recorded, and published the protocol for future testing according to the previous successful on-site test

Education

General Assembly | Boston, MA

Graduated: April 2022

Software Engineering Immersive

Full-stack software engineering immersive student in an intensive, twelve-week, 450+ hour program focused on product development fundamentals, object-oriented programming, MVC frameworks, data modeling, and team collaboration strategies.

University of Massachusetts Amherst | Amherst, MA

Graduated: May 2020

Bachelor of Science in Electrical Engineering