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Full Stack Developer
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Recently graduated Full Stack Developer with a background and interest in all things technology. Previously self taught C++ right before joining the General Assembly SEIR program to further my skills. Always eager to learn something I'm unfamiliar with and committed to retaining curiosity. I am comfortable with both front and backend development, and fascinated by the complexities involved. I've always been drawn to the visual aspects and inner-workings of technology and all things art. Accustomed to working as a group member, a leader, a peer, a friend, and a constant work in progress.

Technical Skills

Languages - JavaScript | HTML | CSS | C++ | Python

Libraries and Frameworks - React | Express.js | Django | Jquery | Bootstrap | Mongoose | Various C++ libraries

Databases - PostgreSQL | MongoDB | AWS | Heroku | Netlify

General - GitHub | Git branching | MVC | Creating User Stories | Algorithms | System Analysis | System Design | Responsive Design | OOP | OOD | ERD | Exception Handling

Other - RESTful Routing | JSON api | NodeJS | Linux | Blender | Affinity Designer | Unreal Engine | SFML

Projects

FateBook | First MERN stack application and functional SPA
        10/2022 - 10/2022
For creating and maintaining enterprises, employees, and employee records (for admin, employee use)
Using: React, vscode, js, HTML, GitHub, Mongoose, mongoDB, NodeJS, express, Trello, LucidChart, Heroku
• Single page application using full CRUD functionality, linked and maintained in mongoDB
• Creates a user with limited token access depending on user type. The user

may create companies, add employees, and has the ability to update or delete that information. If the user is an employee they may check their own track record and view their associated company/enterprise information. If the user is an admin or CEO they may search or view records by certain filters and compare employees of their company/enterprise

Perfect.Match() | First Django group project consuming third party API
Using: vscode, js, HTML, GitHub, Mongoose, mongoDB, NodeJS, express, Trello, LucidChart, Heroku, Adzuna API
Matches users by skill(s) listed on their profile page, searches by keyword and returns result list. Has full search capabilities and return results are accurate.
• Sends request directly to Adzuna API and returns libraries which can be iterated through and rendered based on mongoose model schemas and and abstract type
• Designed to be an easier way for developers to track down tailored results based on their own skill set

Tic-Tac-Toe game | First js web based game, free use project
        08/2022 - 08/2022
Using: vscode, js, HTML, GitHub, stack overflow, MDN, notes, additional online resources

• Plays a basic match 3x3 game. User vs. AI.
• Back end waits for a bool function result from the user on UI(X or O). Response starts the game otherwise goes with default X. Backend checks location using basic array and repeating function to track score and choice location

Slot machine game("Coin Consumer") | js based web game, free use project
        08/2022 - 08/2022
Using: vscode, js, HTML, CSS, Affinity Designer, gitHub, netlify, whimsical, stack overflow, MDN, notes, additional online resources for basic reference

• Plays as a randomly generated symbol matching game. Counts total score, offers three total button interactions
• Front end waits for user button input (play button, quit, cheat button). Local assets folder added and called upon by randomly generated arrays within the object body. Back-end calls audio files for one of three results (pair, triple, loss). Checks score and either locks play button or appends child to new image in location of parent.
Side scroller game("Soldier Scroll") | C++ based game using SFML libraries

10/2022 - current
Using: vscode, C++, Affinity Designer, gitHub, SFML

- Side scroller game utilizing SFML and a number of useful libraries
- Implements shared texture pointers, enum animations, sprite animations, responsive input processing
- Majority of user functions and classes are present, velocity and time implementation present
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Experience

Ultrasound refurbishment and repair technician | Summit Imaging | 9/19 - 8/21

- Diagnose, document and repair incoming ultrasound equipment (backend components)
- Duties included:
- -Reading customer notes and error logs for initial diagnostics
- -Testing equipment pre and post repairs and logging to local database
- -Follow procedural, industry compliant standards in repair process such as:
- -Software and bios updating per devices used
- -Physical repairs ranging from requiring minor soldering and component replacement to major rework. Onsite installation and staging, medical equipment testing and some prior knowledge of software and hardware involved.
- Role of maintaining our companies hazardous materials ordering, maintaining and safe disposal practices

Software Engineer Fellow | General Assembly | 7/22 - 9/22

- Immersed, committed, and invested in all things front and backend: embracing continuous adaption to new languages, computer science foundational concepts, frameworks, libraries, authentication principles and best practices, database management, deployment of applications, standard testing methods, etc.
- Working in a team environment towards a common goal, requiring extensive communication, proper git branch management, task delegation, appending of code and adaption to new features, pair programming, and debugging processes, etc.
- Featured projects allowed us to practice and understand the best ways to approach and execute plans efficiently. Navigating through the front and backend, while tracking our progress, visually from multiple mediums was extremely rewarding. It allowed all of us to see our growth from project to

project. Working on these projects has helped to familiarize the nature of the industry, the steps and complications to expect, and a better understanding of how to communicate ideas/thoughts/questions to peers.

Education/Certifications

- Full Stack Web Development Certificate | SEIR program | General Assembly October 2022