

Troy Mathis, Software Developer

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EXECUTIVE SUMMARY

After six months of self-study in JavaScript, decided to take the plunge with General Assembly's coding bootcamp. Versed in multiple languages such as Python, JS, HTML, React, and CSS with a tendency towards front end. React and CSS specialist with extensive back end knowledge. Collaboration and teamwork exercises bring out the best in my work as connections are what get things done in an efficient but thorough manner. In a constant state of learning best practices and innovating as my tenacity allows me to see things through to completion while studying from and lifting up my colleagues.

SKILLS

Languages | JavaScript, HTML, Python, CSS3, SASS, SQL

Libraries and Frameworks | React, Node.js, Express.js, jQuery, Django, Materialize, Redux

Other | Git/GitHub, RESTful Routing JSON, Full CRUD, Mongoose, Microsoft Azure

Soft Skills | Patience, Eager, Adaptability, Communication, Learner, Creativity, Dedicated, Critical Thinking, Team Player

PROJECTS

ATMOS | [GitHub](#) | [App](#) | **Air Quality Tracker** | React, SASS, JS, Node.js, Express, MongoDB/Mongoose

- General Assembly Summer Hackathon 2022, 3 days, collaborative effort with engineering team of 5, 3 UX/UI designers
- Built and designed front end web design to UX / UI team's prototypes and vision at a fast-paced level
- Used IQAir's API to track air quality index in any significant US city and provide recommendations/tips based on the value
- Achieved a caching backend with MongoDB to limit API calls
- Utilized and oversaw Git version control to manage multiple developers versions

Meleauxdy | [GitHub](#) | [App](#) | **Music Search Engine** | HTML, CSS, jQuery and JavaScript

- Created a hub with a friendly user interface that gives a one stop shop for all things music related
- Pulled third party iTunes API in order to display artist information on webpage

General Store | [GitHub](#) | [App](#) | **Pseudo-Commerce Store** | React, SASS, JS, Node.js, Express, MongoDB/Mongoose

- Front End Lead Engineer(group of 4) of an online pseudo-commerce store with full user login
- Utilized Node and Express to manage API load and query data from Mongo database
- Full admin CRUD capabilities

Communal WebRoom (COMM W/R) | [GitHub](#) | [App](#) | **Social Media** | Python, AWS, Django, CSS and PostgreSQL

- Created a social media hub where users can connect with one another based on common interests
- User is able to create a profile with social media names and interests, start new interest groups
- AWS powered cloud storage for photo buckets

Fantasy Silk | [GitHub](#) | [App](#) | **Fantasy Football Analyser** | EJS, CSS, JS, MongoDB, Mongoose, Express and Node.js

- An effective tool for analyzing your fantasy football team and players.
 - User is able to create, delete and edit players and teams
 - Heroku deployed, currently down given recent policy changes
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PROFESSIONAL EXPERIENCE

Tutor | **Varsity Tutors** | **Remote**

(02/2021)-(11/2021)

- Tutored K-12 in Mathematics and Science, guiding students patiently and helping them achieve their goals.
 - Mentored the student using resilience and determination to solve any problem they faced academically.
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EDUCATION

Software Engineering Immersive | **General Assembly** | **Remote**

(04/2022)-(07/2022)

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. Python, Javascript, HTML, CSS, SQL and multiple frameworks and libraries. Developed a portfolio of individual and group projects.

Mathematics/Computer Science | **University of Houston** | **Houston**

(08/2018)-(05/2021)

Completed 25 credits towards a B.S in Mathematics, and 8 credits towards a B.S in Computer Science, learned C++ and Python basics.