

Troy Mathis, Full-stack Software Engineer

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EXECUTIVE SUMMARY

After six months of self-study in JavaScript, I decided to take the plunge with General Assembly's coding bootcamp. I am versed in multiple languages such as Python, JS, HTML, React, and CSS with a tendency towards frontend. I am a React and CSS specialist with extensive backend knowledge. Collaboration and teamwork exercises bring out the best in me as I feel that connections are what get things done. I am in a constant state of learning and teaching as my tenacity allows me to see things through to completion while also being thorough.

SKILLS

Languages | Python, JavaScript, HTML, CSS, C++, React, SQL

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

Other | RESTful Routing JSON, Full CRUD, Mongoose

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

PROJECTS

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

- General Assembly Summer Hackathon 2022, 3 days, engineering team of 5, 3 UX/UI designers
- Used IQAir's API to track air quality index in any significant US city and provide recommendations/tips based on the value

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

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

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
- 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
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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.
 - Partnered with 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. 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.