## **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.

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# 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

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# PROJECTS

**ATMOS |** [**GitHub**](https://github.com/johndwatt/ATMOS) **|** [**App**](https://johndwatt.github.io/ATMOS/) **| 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**](https://github.com/troymathis) **|** [**App**](https://jolly-baklava-7fee1f.netlify.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**](https://github.com/troymathis/FantasySilk) **|** [**App**](https://fantasy-silk.herokuapp.com/) **| 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**](https://github.com/troymathis/generalstore-frontend) **|** [**App**](https://generalstoregs.netlify.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**](https://github.com/troymathis/comm-wr) **|** [**App**](https://comm-w-r.herokuapp.com/) **| Social Media |** Python, 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.