

Maleiyah Branch-Davis

Data/Software Engineer

Dallas, TX | (214) 517- 2229 | email: maleiyahdavis@yahoo.com | website: <https://maleiyahdavis.github.io/portfolio/>
Linkedin: [linkedin.com/in/maleiyah-branch-davis](https://www.linkedin.com/in/maleiyah-branch-davis) | Github: <https://github.com/maleiyahdavis>

TECHNICAL SKILLS

Proficient: HTML5, CSS, SQL, Javascript, Python, Pandas, NumPy

Knowledgeable: React.JS, Flask, Tableau, Git, Github

TECHNICAL PROJECTS

TRIVIYAY - Developer, Group Project

August - September 2023

PROJECT LINK: <https://github.com/maleiyahdavis/trivia-quiz-app>

- Created an interactive quiz platform that allows users to signup/login, choose from multiple quiz sets to play and receive a score based on correct answers
- Implemented CSS, Bootstrap, HTML5, React.JS and Javascript for frontend while the backend consisted of a MongoDB database accessed with Python Flask
- Personally contributed to creating the backend database and endpoints for the application

STROKE PREDICTION ANALYSIS - Developer, Group Project

June - July 2023

PROJECT LINK: https://github.com/maleiyahdavis/Updated_Stroke

- Utilized ETL principles on a stroke dataset in order to uncover correlations of stroke/no stroke with various factors such as age, bmi, heart disease, etc.
- Implemented Python, Pandas, NumPy, along with other libraries in order to assist with cleaning and creating visualizations

EDUCATION

FULLSTACK ACADEMY - Web Development Certificate

February 2022 - August 2022

- Web development program that covered Javascript, HTML5 and CSS in depth in order to introduce other assistive technologies such as React.JS, Node.JS, API calls, SQL databases, etc. –ultimately equipping one with the knowledge and tools to build a fullstack application from frontend to backend

UNIVERSITY OF TEXAS AT DALLAS, Richardson, TX

August 2013 - August 2018

Bachelor of Arts in Interdisciplinary Studies

- Areas of concentration included Behavioral Brain Sciences as well as Health and Wellness

EXPERIENCE

DATA ENGINEER - Cognixia USA

April 2023 - Present

- Created and managed Pandas dataframes to store and manipulate large datasets, resulting in more efficient data analysis and reporting
- Demonstrated proficiency in GitHub features such as merge conflict resolutions and pull requests management
- Utilized SQL to perform complex data queries and subqueries across multiple tables

PERSONAL TRAINER - Dallas Metropolitan YMCA

October 2018 - February 2023

- Designed personalized workout programs based on both strength and cardiovascular exercises, as well as stretching techniques
- Managed over 20 individual clients and provided them with exercises based on their physical abilities and fitness goals
- Generated reports in regards to member retention in the personal training sector of my home branch