

Tyler Jackson

TylerJustinJackson@gmail.com ❖ (769)-257-2817 ❖ Ridgeland, MS

GitHub: <https://github.com/tylerjustinjackson>

LinkedIn: <https://www.linkedin.com/in/tyler-jackson-700049246/>

EDUCATION

Belhaven University (4.0 GPA)

Bachelor of Science in Computer Science, Math – Minor in Data Analytics

Jackson, MS

Current

PROJECTS

Octopi Web Application (HTML, CSS, JS, SQL)

- Created a web-based social media application that allows users to post photographs with captions.
- Implemented a SQL database and formed a chronological timeline of all post on application.
- Built user login authentication with unique usernames using SQL databases, JavaScript, and Node.JS.

Billboard Hot 100 Machine Learning Model (Python)

- Web-scraped the Billboard Hot-100 for all #1 songs and logged it with the corresponding artist and longevity.
- Constructed ML model with #1 songs to display the longevity of tracks throughout history using Python.

Hangman Game (Python)

- Crafted a 5000+ word database for hangman game using web-scraping with Python – built game with basic algorithms, exception handling, and object-oriented programming.

WORK EXPERIENCE

University Of Mississippi Medical Center

Data Science Researcher

January 2023 - P

Jackson, MS

Mathematics and Programming Tutor

Freelance

August 2020 - Present

- Instructed group of peers on Python coding with skills such as variables, dictionaries, tuples, lists, command-line interface, and object-oriented programming.
- Tutored college and high school students for College Algebra, Statistics, Calculus, and ACT test - no students failed their courses, improvement was seen with a 4-point increase in score on ACT.

Ridgeland High School Theater Department

Technician/Graphic Designer

August 2019 - May 2022

Ridgeland, MS

- Designed artwork for promotion as the PR manager using Adobe Photoshop, Adobe Illustrator, and Blender.
- Managed the tech sector of theater department and maintained lighting, sound, and computer technology for all shows/performances as the President.

Mississippi Economic Council

Resource Packager

June 2020 - July 2020

Jackson, MS

- Packaged educational resources for students throughout the Jackson Public School District – over 300 boxes sent out to local students that included financial education resources.

SKILLS

- Programming Language Understanding in: Python, C, HTML, CSS, SQL, JavaScript
- Technologies: Linux, MacOS, Git, GitHub, Teams
- LinkedIn Certificates: Python Assessment, Web-Development, Word Assessment