Hailey R. Thomas

haileyrthomas01@gmail.com | https://www.linkedin.com/in/haileyrthomas01 | https://haileyrthomas01.github.io/ | Houston, TX

EDUCATION

Bachelor of Science, Computer Science   **December 2024**

University of Houston – Clear Lake, Houston, TX   GPA: 3.33

Relevant Coursework: Design of Database Systems, Data Structures & Algorithms, Web App Development, Computer Organization and Assembly Language, Computer Science I & II, Probability and Statistics for Scientists and Engineers, Operating Systems, Software Engineering, Digital Circuits, Fundamentals of GIS

Associate of Arts, General Studies Cum Laude   **May 2023**

Alvin Community College, Alvin, TX   GPA: 3.58

Activities and societies: Phi Theta Kappa Mu Upsilon Chapter (February 2019 – May 2021)

PROJECTS

Mississippi Power Company Automation Device Count Power BI Dashboard   **July 2023 – August 2023**

- Developed a Power BI Dashboard for Mississippi Power Company, demonstrating proficiency in data analytics using Power BI and Oracle SQL Developer.
- Optimized power distribution systems by providing insights into Automated Capacitor Banks, Reclosers, Regulators, Fuse Count Switch Gears, Trip Savers, SHN Customer and Feeder Count, MPC & ATT Poles Data, SHN Recloser Count, Feeders on SCADA, Transformer Count, Distribution Substations, and Transformer Bank Count.

Mississippi Power Company FAES Power BI Dashboard   **May 2023 – August 2023**

- Completed over 5500 work orders and edited the DistGIS ArcMap using GIS.
- Edit, added, and removed features on ArcMap from work orders received from service men and line crew.
- Created a Power BI dashboard displaying data collected while completing FAES forms.

Tkinter with Python   **December 2021 – January 2024**

- Created a To Do List, a Clock, a Tic Tac Toe game, a Hang Man game, a Rock Paper Scissors game, a Pong Game, a Music Discovery Platform: Celebrating Black Artists, a Song Generator celebrating Black artists and a Calculator using Python.

EMPLOYMENT

Power Delivery – Tech Support Intern   **May 2023 – August 2023**

Mississippi Power Company – Gulfport, MS

- Utilized Oracle SQL Developer to create queries assigned by management, effectively extracting and manipulating data.
- Designed Power BI dashboards using SQL assigned queries, providing insightful visualizations for data analysis.
- Assisted with adding, removing, and updating features on ArcMap using GIS, contributing to accurate and up-to-date mapping.

ORGANIZATIONS

National Society of Black Engineers (NSBE) – APEx Member   **August 2021 – Present**

Rewriting The Code – Black Wings Hacks 2024 Hackathon Attendee   **May 2023 – Present**

Girl Scouts of San Jacinto Council – Gold Award, Silver Award, and Bronze Award Recipient   **August 2009 – May 2022**

AdaMarie – Student Ambassador   **January 2023 – Present**

SKILLS

Software: Microsoft Office, Adobe Creative Suite, Google Suite, Eclipse, IDLE, VS Code, ArcMap, Oracle SQL Developer, HeidiSQL, ArcGIS, RStudio

Skills: Data Visualization, Analytical Skills, Geographical Mapping, Data Understanding, Project Planning

Programming Languages: JavaScript, Java, Python, SQL, HTML5, CSS, R, VHDL

Certifications: Accenture Data Analytics and Visualization Virtual Experience, PwC Switzerland Power BI Virtual Case Experience, Mimo SQL Certificate of Achievement, Codeacademy Learn SQL Course Certificate, Codeacademy Learn R Course Certificate, Mimo HTML Certificate of Achievement, Mimo Python Certificate of Achievement