Hailey R. Thomas

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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, Advanced GIS, Intro to Telecom and Networks, Programming Language Concepts, Advanced Data Structures and Algorithms, Data Analytics Fundamentals
Awards: Joyce Delores Taylor Award, BSA Recognition Award
Organizations: Black Student Association (Volunteer and Event Coordinator), Circle of Sisters (Member)

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 | *Power BI & Oracle SQL Developer*
- 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 | *Power BI & Oracle SQL Developer*
- 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 | *Visual Studio Code & Python*
- 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.

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 & Attended NSBE49	**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 2024 – Present**
ColorStack Fellow	**May 2024 – Present**
Blacks in Technology Foundation Member (Houston Chapter)	**May 2024 – Present**

SKILLS

Software: Microsoft Office, Google Suite, Eclipse, IDLE, VS Code, ArcMap, Oracle SQL Developer, 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
Interests: Traveling, photography, reading, movies and TV (*The Office*), video games, listening to music, record collecting