Hailey 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 Science I & II, Probability and Statistics for Scientists and Engineers, Fundamentals of GIS, Advanced GIS, 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)

EMPLOYMENT

Power Delivery Tech Support Intern   **May 2023 – August 2023 & June 2024 – August 2024**
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.
- Developed strong organizational and time management skills by completing multiple tasks simultaneously.
- Gained practical experience with relevant software and technology.
- Contributed to ongoing learning and development by actively seeking feedback and asking questions.
- Assisted project teams with research, data collection, and administrative tasks.
- Sought opportunities to learn new skills and tackle challenging tasks.

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, HTML, R
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, Codédex The Legend of Python Certificate, Code First Girls - Intro to Data MOOC Certificate, Coursera IBM Introduction to Data Analysis Certificate, Coursera IBM Excel Basics for Data Analysis Certificate

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 Customer Outage Summary Dashboard | *Power BI*
- Developed a Power BI Dashboard for Mississippi Power Company, demonstrating proficiency in data analytics using Power BI and Oracle SQL Developer and ensured the solution offers contextually appropriate feedback for different selection scenarios, enhancing user experience and reporting accuracy.
- Linked slicers to key performance indicators (KPIs) including totCustActive, percentRestored, TotCustExperiencingOutage, TotCustRestored, totEventsActive, and TotalOutages values.
- Implemented adjustments to accommodate user-selected date ranges and specific hourly intervals for enhanced data analysis and developed a dynamic Power BI measure to display custom titles reflecting user-selected date and time ranges, providing formatted summaries including 'Storm Start Time' and 'Report Time' based on slicer selections.

Python Projects | *Visual Studio Code & Python (Tkinter)*
- Created a To Do List, a Clock, a Tic Tac Toe game, a Hang Man game, two Rock Paper Scissors games, a Pong Game, a Song Generator celebrating Black artists, GIF Maker, A Casino Jackpot Generator, a Roman Numeral Converter, and a Calculator.

Codédex & CodeAcademy Projects | *Visual Studio Code, HTML, CSS, JavaScript*
- Created a To Do List, a Weather App using Weather API, Summer Mixtape Creator using Spotify API, a Pomodoro Timer, a Solar System VR Experience, an Album Finder using Spotify API, and an Interactive Soundboard using p5.js

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**
Code First Girls Student	**May 2024 – Present**
AdaMarie Student Ambassador	**January 2024 – Present**
ColorStack Fellow	**May 2024 – Present**
Blacks in Technology Foundation Member (Houston Chapter)	**May 2024 – Present**