



Hailey R. Thomas

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EDUCATION

Bachelor of Science, Computer Science

May 2025

Geographic Information System (GIS) Minor

University of Houston – Clear Lake, Houston, TX

GPA: 3.24

Relevant Coursework: Design of Database Systems, Data Structures, Web App Development, Computer Organization and Assembly Language, Computer Science I & II, Probability and Statistics for Scientists and Engineers, Intern in CS

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)

Relevant Coursework: Learning Framework, Business Computer Applications, Public Speaking

PROJECTS

Mississippi Power Company Automation Device Count Power BI Dashboard

July 2023 – August 2023

- This project showcases my expertise in data analytics and proficiency in Power BI to streamline and optimize power distribution systems.

Mississippi Power Company FAES Power BI Dashboard

May 2023 – August 2023

- I completed over 5500 work orders and edits to the DistGIS ArcMap using GIS.
- The primary goal of the MPC Facility Addition Electric System (FAES) Form completion project was to edit, add, and remove features on the DistGIS ArcMap from work orders received from service men and line crew.
- During the project, I leveraged my GIS and workflow automation expertise using tools like ArcMap. I also utilize my strong problem-solving skills to identify accurate locations and interpret work orders.

Tkinter with Python

December 2021 – June 2023

- I created a To Do List, a Clock, a Tic Tac Toe game, a Hang Man game, a Rock Paper Scissors game, a Pong Game, and a Calculator using Python.

Girl Scouts of San Jacinto Council Gold Award – “Petextrian Safety”

October 2021

- <https://www.petextriansafety.com/>

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.
- Collaborated in creating, maintaining, and validating the accuracy of reports, ensuring data integrity.

ORGANIZATIONS

National Society of Black Engineers (NSBE)

August 2021 – Present

Society of Women Engineers (SWE)

January 2022 – Present

Association for Computing Machinery for Women (ACM-W)

April 2023 – Present

Girl Scouts of San Jacinto Council (Gold Award, Silver Award, and Bronze Award Recipient)

August 2009 – May 2022

SKILLS

Software: Microsoft Office, Adobe Creative Suite, Google Suite, Eclipse (Java), IDLE (Python), Astah (UML), VS Code (HTML5 & CSS), ArcMap, Oracle SQL Developer, HeidiSQL

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

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

Certifications: Accenture Data Analytics and Visualization Virtual Experience, PwC Switzerland Power BI Virtual Case Experience