# 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: 3.33
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, 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**
Society of Women Engineers - Houston Area (SWE-HA)                                         **January 2022 – 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