

ALEX HILL

435-557-1039 | bayouahill21@gmail.com | www.linkedin.com/in/alex-hill-bayou

Early Career **Data Analyst** with experience in SQL, Python, Tableau, and VBA, known for a strong work ethic, self-taught technical skills, and an approachable, patient mentoring style. Known for quickly mastering new tools and helping others succeed through clear explanations and determination to figure things out.

EDUCATION

Bachelor of Science: Information Systems, Minor in Healthcare Leadership

Apr 2027

Data Analytics Emphasis | STEM-Designated Technical Program

Brigham Young University - Marriott School of Business, Provo, UT

- Member of the Association for Information Systems
- Top 6 finish in the 2023 Marriott School Case Competition, focusing on building "One Marriott"
- Relevant Courses: Database Systems, Data Communications, Exploratory Data Analysis

TECHNICAL SKILLS

Programming & Data Tools: SQL, Python, VBA, HTML/CSS, Tableau, Excel (advanced)

Visualization & Mapping: Tableau, ArcGIS

Design Tools: Civil 3D, Revit

AI Applications : ChatGPT, Claude, GitHub Copilot (VS Code)

Project Experience:

- Applied AI tools to debug SQL and Python assignments, improving accuracy while self-teaching concepts (2025)
- Built ArcGIS map, analyzed geological hazard data from public databases, identified low-risk zones in Utah County (2024)
- Designed and analyzed QR-code survey, wrangled data in Excel, built Tableau dashboards to visualize trends (2023)

EXPERIENCE

Teaching Assistant (SQL, VBA, HTML)

Jan 2025 – Present

BYU Marriott School of Business - Information Systems, Provo, UT

- Mentored 200+ students in SQL, VBA, HTML assignments, simplifying complex concepts and debugging code
- Collaborated with professor and team members to resolve grading and instruction issues, ensuring course consistency
- Recognized for approachability and patience, providing one-on-one help that built student confidence and trust

Teaching Assistant (CAD & Drafting)

Aug 2024 – Present

BYU Ira A. Fulton College of Engineering, Provo, UT

- Standardized grading rubrics in Microsoft Word, improving consistency and fairness across all assignments
- Tutored 50+ students in CAD-based drafting, simplifying complex concepts into clear, actionable steps
- Guided students through challenging problems with patience, building confidence and understanding

Retail Associate (Databases)

Oct 2022 – Dec 2024

BYU Laundry & Dry Cleaning, Provo, UT

- Utilized databases to process 75+ weekly orders and correct 95% of misplaced items, reducing delays and rework
- Resolved customer complaints and inquiries within 15 minutes on average
- Trained new employees on order processes and customer service standards, improving team efficiency

Landscaper

May 2023 – Aug 2023

AgTrac Enterprises River Heights, UT

- Completed 10 projects in 4 months planning and installing sprinkler systems, decorative steps, and retaining walls
- Improved productivity and decreased error rate in assigned teams sizing from 2-15
- Constructed a retaining wall stabilizing a hillside and preventing soil erosion while installing 2 full sprinkler systems

OTHER ACHIEVEMENTS

- River Guide, High Country Adventure – Provo, UT (May 2025 – Present)
- Judge, Utah State DECA High School Competitions – Layton, UT (Jan 2023 – Present)
- Volunteer Representative, The Church of Jesus Christ of Latter-day Saints – Baton Rouge, LA (Aug 2020 – Aug 2022)
- Mountaineering Club Member, Brigham Young University – Provo, UT (2023 – Present)
- Intermediate Spanish Fluency
- Certified in CPR, First Aid, and Waterpark Lifeguard – American Red Cross
- Passionate skier and outdoor adventurer