

# ALEX HILL

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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