

# Heather Alicia Harris

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## SUMMARY

Multifaceted leader with 3 years of technical expertise and 8 years of business leadership, balancing full-time work with higher education. Delivered \$1M+ in cost savings through efficiency initiatives in aerospace. Skilled in full-stack development, data analysis, and project ownership. Led cross-functional teams and implemented enterprise software solutions. Recruited and mentored talent as a BYU-Boeing Ambassador (2022–present), driving measurable outcomes.

## EXPERIENCE

### Boeing | Remote

October 2022 – Present

#### Software Manager

- Diagnosed and mitigated revenue losses exceeding \$15,000 monthly by analyzing Geotab KPI reports and implementing a fleet management plan, generating over \$600,000 annually across fleet of 1,000 vehicles
- Spearheaded enterprise-wide Geotab telematics deployment, securing funding and collaborating with cross-functional teams to boost vehicle tracking by 40%. Led expansion to 3 new sites, overseeing installation and ensuring cybersecurity compliance for 16 software applications

### NASA | Remote

June 2023 – August 2023

#### Data Analyst Intern

- Engineered an 8-page interactive dashboard in Looker Studio to track and optimize power usage effectiveness for Computational Research Facility, cutting energy consumption by 27%
- Designed data visualizations to scrutinize IT and facility load trends, formulating several actionable solutions to lower overall facility power usage effectiveness ratio from 1.50 to 1.10

### Boeing | Mesa, AZ

May 2022 – October 2022

#### Software Engineer Intern (Technical Analyst)

- Developed internal websites using JavaScript technologies, refining department audit processes, and yielding annual savings of \$200,000+. Reduced analyst workload by 35% by leveraging data scrubbing and automation tools, including Node.js, React, and SQL
- Orchestrated automated data cleansing workflows integrated with asset management systems (Maximo), saving over 25 hours quarterly and elevating operational productivity

### StormwaterGO | Orem, UT

January 2022 – April 2022

#### Software Engineer Intern

- Revamped company's website, boosting customer retention by over 30% through full-stack development, UX enhancements, and refined SEO
- Authored 75-page strategic report for leadership, recommending revenue growth strategies leveraging Google AdWords, SEO, and multi-channel media platforms

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

October 2021 – April 2022

#### College Advisor

- Mentored 350 students in academic and career success, fostering a 20% increase in student engagement & satisfaction
- Streamlined data organization and improved daily operations efficiency by initiating VBA and Power Query solutions in Excel, creating new forms and revitalizing systems for student advising

## EDUCATION

### Brigham Young University | Provo, UT

December 2024

#### Marriott School of Business

#### B.S. Information Systems Management

- **President**, Product Management Society
- **Member**, Association for Information Systems, Competitive Coding, Women in Business, BYU Symphony Orchestra
- **Key Coursework**: Machine Learning, Predictive Analytics, Database Systems/Communication, Programming

## SKILLS

**Core Skills:** Full-Stack, Frontend & Backend, UI/UX Design (Figma), SaaS, Agile Methodologies, Web Development

**Programming Languages:** Python, C#, JavaScript, Java, C++, TypeScript, Node.js, Express.js, React, HTML, CSS

**Databases:** MySQL, Postgres, BigQuery, Oracle, ODBC

**Cloud Computing & DevOps:** Azure, AWS, Google Cloud, Heroku, Docker, Kubernetes, Git, GitHub, GitLab, Linux

**Data & Analytics Tools:** Splunk, pandas, Power BI, Looker Studio, Tableau, Power Query, Excel VBA