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   August 2023 – 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 – August 2023
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