

Jake Moore

Tucson, Arizona

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PROFILE

Management Information Systems student at the University of Arizona's Eller College of Management with hands-on experience across aerospace engineering IT, biotech, and insurance. Skilled in translating operational workflows and structured data into quantitative recommendations, process optimization, and machine learning use cases. Proficient in SQL, Python, R, Excel, and Tableau, with a track record of turning ambiguous business problems into measurable improvements.

EDUCATION

University of Arizona

Tucson, Arizona

Bachelor of Science in Business Administration

01/2024 – 05/2027

- **Major:** Management Information Systems
- **GPA:** 3.7
- **Honors:** LaSalle Chen Scholarship, Business Analytics Award, Eller Grant, Dean's List with Distinction

PROFESSIONAL EXPERIENCE

Digital Engineering / IT Intern

Phoenix, Arizona

Honeywell Aerospace

08/2026 – 12/2026

- Contributed to the implementation and rollout of Digital Thread and AI-enabled engineering applications through technical documentation, application testing, deployment workflows, and process automation.
- Collaborated with engineering and IT teams to coordinate technical requirements, document installation and user workflows, validate application packages, and support continuous-improvement initiatives.

Business Analytics Consultant

Tucson, Arizona

Roche Tissue Diagnostics – Eller Office of Partnerships (Immersion Project)

06/2026 – 08/2026

- Mapped cross-functional workflows to identify communication bottlenecks affecting project readiness and turnaround.
- Developed a resource-planning and staffing approach to allocate specialized and core-team capacity across concurrent projects, improving visibility into cross-project demand.
- Recommended process automation and resource-request reporting improvements for internal teams to implement, targeting reductions in manual effort and turnaround time.

Business Analytics Consultant

Tucson, Arizona

ALKEME Insurance – Eller Office of Partnerships (Immersion Project)

01/2026 – 05/2026

- Mapped client workflows and translated consulting findings into process standardization and automation recommendations to improve operational efficiency.
- Cleaned client data in Python and built a recommendation model with traditional machine learning (binary coverage matrix, peer scoring, backtesting); presented results to client leadership.

Technical Consultant

Tucson, Arizona

University of Arizona

03/2025 – Present

- Provided in-person and remote technical support to students, faculty, and staff across academic and enterprise systems; troubleshoot hardware, software, and network issues in a high-volume environment.
- Installed and configured Crestron & Extron control systems, including touch panels, control processors, occupancy sensors, PoE devices, and relay-based integrations.
- Trained new hires and developed ServiceNow dashboards by cleaning and restructuring legacy data, improving documentation, data accuracy, and team visibility.

TECHNICAL SKILLS

Languages & Tools: SQL, Python (pandas, NumPy, scikit-learn), R (tidyverse, ggplot2, caret), PowerShell, Bash, Git, Excel

Cloud & Infrastructure: AWS, AWS CLI, command-line tooling

Data & Analytics: Data cleaning, regression modeling, hypothesis testing, A/B testing, feature engineering

AI & Databases: Prompt engineering, workflow automation, ER modeling, relational design, MySQL, PostgreSQL

Business Intelligence: Dashboard development, data visualization, reporting, performance analysis