

Michael Thompson

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SUMMARY

Detail-oriented data analyst with a strong foundation in analytical capabilities and tools. Proficient in Python, SQL, and developing interactive dashboards that enhance business decision-making. Experience includes collaborating cross-functionally to translate intricate datasets into actionable insights. Understanding of ETL workflows optimizes data processing, while demonstrating ability to automate data tasks and ensure accuracy through validation processes. Eager to leverage problem-solving skills and analytical expertise in an engaging environment, contributing to organizational goals through data-driven strategies.

EDUCATION

Bachelor's Degree in Data Science

Stanford University | GPA: 3.8

2025

Stanford, CA

Coursework: Data Analysis, Statistical Techniques, Visualization Tools, Machine Learning

TECHNICAL SKILLS

- Data Analysis Tools:** Python, R, SAS
- Database Technologies:** MySQL, PostgreSQL, MongoDB
- Visualization Software:** Tableau, Power BI, Excel
- Statistical Tools:** SPSS, SAS, Stata
- Project Management Tools:** Trello, Asana, JIRA
- Machine Learning Frameworks:** TensorFlow, Scikit-Learn, Keras
- Data Warehousing Services:** Snowflake, Google BigQuery, Amazon Redshift
- Scripting Languages:** JavaScript, HTML, CSS
- Cloud Solutions:** AWS, GCP, Azure
- Reporting Tools:** Looker, Chartio, Domo

SKILLS

- Data Analysis
- Statistical Methods
- ETL Workflows
- Automated Reporting
- Predictive Modeling
- Python
- SQL
- Data Visualization
- Tableau
- Power BI
- Root Cause Analysis
- Business Intelligence
- Documentation Management
- Data Integrity
- Decision Support
- Collaboration

EXPERIENCE

Data Analyst Intern

Tech Solutions Inc.

June 2025 - August 2025

Remote

Collaborated with the analytics team to improve business processes by analyzing extensive datasets. Developed user-friendly dashboards that presented complex insights clearly.

- Built data pipelines and enhanced ETL workflows ensuring efficient data processing and integration.
- Analyzed large datasets using Python and SQL, identifying key patterns and insights.
- Created interactive dashboards using Tableau, enabling real-time data visualization for stakeholders.
- Implemented predictive models assisting management in strategic decision-making.

Research Assistant

University Project

January 2025 - May 2025

Stanford, CA

Supported university research initiatives focusing on data analysis and interpretation. Contributed to various projects utilizing statistical methods for data forecasting.

- Assisted in preparing reports that summarized research findings using advanced analytical techniques.
- Conducted thorough data validation efforts auditing datasets for integrity and accuracy.
- Developed visual representations of data trends, aiding in impactful academic presentations.
- Collaborated with professors to streamline research methodologies providing insightful feedback.

Capstone Project

Capstone Team

September 2024 - December 2024

Stanford, CA

Engaged in a collaborative capstone project analyzing consumer behavior trends based on survey data. This role cemented my analytical prowess as exposure increased significantly.

- Designed analytical frameworks to assess survey results, revealing critical insights about consumer responsiveness.
- Applied automated solutions to enhance reporting speeds and accuracy delivering time-sensitive information effectively.
- Established continuous documentation to capture all stages of the data workflow for future reference.
- Worked closely with multidisciplinary teams presenting findings at academic forums creating strategic recommendations.

LEADERSHIP & AWARDS

- Dean's List, Stanford University (2023)
- Academic Excellence Award in Data Science (2024)

CERTIFICATIONS

- Google Data Analytics Professional Certificate 📅 2026
- Tableau Desktop Specialist 📅 2026

PROFESSIONAL AFFILIATIONS

- Member of Data Science Club, Stanford University
- Participant in Hackathons, tackling real-world data issues

LANGUAGES

- English (Native) • Spanish (Intermediate)

ADDITIONAL INFORMATION

Work Status : Authorized to work in United States. No sponsorship required.

REFERENCES

AVAILABLE ON REQUEST