

Jason Mixon

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Work History

Dakota State University *Madison, SD*
Assistant Professor – AI and Computer Science *August 2023 - Present*
Instructor – AI and Computer Science *August 2021 – August 2023*

Teach a broad range of core and elective artificial intelligence and computer science courses at the undergraduate and graduate level.

- Develop course lessons and present material to students.
- Evaluate the knowledge learned by students utilizing various methods including projects, presentations and exams.
- Design assignments to help students practice concepts presented in class.
- Provide assistance to students with trouble understanding course material as needed.
- Participate in general faculty and college faculty meetings and events.

Avanade/Accenture *Austin, TX*
Data Architect (contractor) *December 2020 – October 2021*

Design and implement the data architecture to facilitate the move of the Texas Medicaid Healthcare Partnership data warehouse from NSK databases to Oracle databases.

- Design, plan and implement a phased transition to move the Texas Medicaid data warehouse from the current NSK databases to Oracle databases with little to no impact on state end users, including updating the data warehouse data model to take advantage of new provider and member systems implementations.
- Assist in designing new processes to move away from current data keying designs to a more standard NPI based design for provider data.

Capco *Houston, TX*
Principal Consultant *May 2019 – April 2020*

Design and lead data governance and architecture projects that enable companies to utilize their data to gain insights and efficiencies.

- Taught college new-hire classes on Tableau and data warehouse fundamentals.

Master Data Governance Architect – Large Midstream Energy Company

- Act as the project lead and architect to assess current data management maturity and build a roadmap for master data management implementation.
- Guide and educate the client on the steps needed to establish master data governance.
- Assess current client capabilities and technologies to determine any additional recommended infrastructure needed.
- Present roadmap and implementation timeline as well as cost estimations to executives.

Master Data Governance Architect – Large Midstream Energy Company

- Act as the project lead and architect for the implementation of the master data management and governance roadmap.
- Guide the client in the creation of the master data governance committee and charter.
- Gather master data asset metadata and design the master data business glossary and data dictionary.
- Design the architecture for the master data repository.

Gather business requirements and work with IT to design the master data repository user interface.
Identify and document master data source systems.
Design and train users on master data stewardship processes.

Clarity Insights
Sr. Consultant

Austin, TX/Chicago, IL
February 2019 – May 2019

Solution and design data analytics platforms that enable businesses to accelerate their decision making based on accurate and reliable data.

Project Manager - Fortune 500 Financial Services Group

Acted as the high-level coordinator and facilitator for the Enterprise Data Information workstreams on a large divestiture project.

Lead and presented in daily and weekly status briefings to executives explaining current project status, milestones, risks and issues and answering questions.

Escalated issues and risks and followed escalation through mitigation and closure.

Accenture
Associate Manager/Sr. Data Architect

Austin, TX
July 2016 – February 2019

Managed the Data Architecture Team that oversees the governance, data quality and data model designs for the Texas Medicaid Healthcare Partnership project for the State of Texas.

Work with both internal and State of Texas executives and stakeholders to define current and future data utilization initiatives.

Set overall priorities and direction for Data Architecture Team including defining short-term and long-term priorities and goals, reviewing and recommending initiatives and ensuring overall quality of work produced.

Designed and planned modernized Data Warehouse for the Texas Medicaid and Healthcare Partnership (TMHP).

Developed Data Governance and Master Data Management initiative and processes.

Developed Data Quality processes and a successful Proof of Concept using Informatica Data Quality.

Provide technical expertise and direction to the team, project management and the client.

Led training workshops on a variety of topics including newly implemented application usage and data warehouse fundamentals.

Research and develop recommendations, standards and best practices.

Created and implemented change management process integrating into current Enterprise Development Lifecycle.

Participated in enterprise level systems analysis and architecture planning specifically as it relates to the performance and efficiency of the enterprise databases.

Communicated potential issues and remediation strategies for the enterprise databases including growth, performance and other relevant issues to executives.

General Motors
Sr. Data Architect

Austin, TX
November 2015 – July 2016

Managed the Finance Segment of the Enterprise Data Architecture Team including working with project management to allocate resources to projects and ensuring internal IT transformation data architecture integration initiatives were on track.

Worked with global functional units (Europe, Asia-Pacific, South America and Africa) to develop strategies to bring in previously regionalized data into the Enterprise Data Warehouse.

Acted as Enterprise Data Warehouse Finance Segment lead and SME coordinating project work with Project Management and Development Leads.

Reported and presented to management segment integration progress and metrics.

Acted as a mentor to new hires and college program hires.

Worked with business partners and Business Analysts to gather project requirements relating to data sourcing and integration into the EDW.

Designed and developed data models and mappings per functional and reporting requirements.

Reviewed and identified workflow efficiencies and designed new processes that implemented found efficiencies.

Sense Corp

Austin, TX

Management Consultant – Technical Architect

September 2014 – August 2015

Worked with clients to develop their data analytics platforms and led the implementation teams.

Designed and implemented a data auditing process for the next generation data warehouse for an enterprise telecommunications company. Created all of the technical and supporting documentation and conducted knowledge transition sessions.

Designed processes for interim reporting during a merger and acquisition transition period.

Performed cost/benefit analysis for internal user hardware upgrades.

Key member on a team involved with developing Customer Care analytics sourcing call center data and organizing the data into actionable information.

Implemented executive dashboard ETL processes.

Assisted in executive dashboard data model design.

General Motors

Austin, TX

Sr. Data Integration Developer

June 2013 – September 2014

Team lead for the Manufacturing Quality Control Data Integration Team and worked with outside vendors and contractors to implement processes to transition integration interfaces.

Helped to develop the transition strategy to insource previously outsourced data integration interfaces.

Member of the troubleshooting team for the CARD data warehouse and implemented problem resolution for the data warehouse failures that occurred after contractor transition.

Member of the data modeling software evaluation team tasked with choosing a standard data modeling suite for the enterprise.

Subject matter expert for ETL troubleshooting and IBM Datastage.

Design and document data models.

Design and develop ETL jobs in IBM Datastage.

Act as mentor for college new hires.

B & W Pantex

Amarillo, TX

Data Architect

October 2011 – June 2013

Developed the strategy for transitioning all ETL work from Datastage to Talend and acted as the lead technical resource and SME for the Data Warehouse modernization.

Team lead on the Datastage to Talend transition project.
Technical lead on a major data warehouse revision.
Implemented the development, QA and production environments of the Talend Platform for Data Management software suite.
Designed and implemented ETL (extract, transform, load) jobs to meet functional requirements of assigned projects.
Designed and implemented data models to meet functional requirements of assigned projects.
Responsible for the design and maintenance of the data warehouse and data marts.
Acted as a subject matter expert on projects that required data model reviews.
Performed data stewardship and data fixes as needed.

CA Technologies *Plano, TX*
Associate Software Engineer *June 2011 – October 2011*

Designed and implemented new features into the Datacom database product.
Maintained and updated features and bug fixes in the Datacom database product.

B & W Pantex *Amarillo, TX*
Programmer/Analyst *October 2010 – June 2011*

Designed UCM/URM document batch loading software to facilitate mass document migration.
Designed, developed, implemented, and maintained custom/in house developed software and implemented/maintained commercial off the shelf software.
Performed technical troubleshooting, analysis and made recommendations for technical improvements.
Developed and maintained software quality assurance documentation.
Implemented new software products and features using industry standard software development lifecycle processes.

Booker Transportation *Amarillo, TX*
IT Manager *April 2005 – October 2010*

Managed IT policies and personnel, set standards and performed auditing and evaluations.
Created a trailer damage tracking program which increased tracking efficiency and significantly decreased company costs.
Programmed an automated reporting system to keep dispatchers informed of idle trailers increasing trailer movement efficiency and revenue.
Created an employee self-help website that answers questions to common problems greatly reducing the time spent by IT to troubleshoot common problems.
Maintained multiple company networks including troubleshooting and repair.

Education	Dakota State University	Madison, South Dakota
	PhD – Computer Science (2024)	
	Dakota State University	Madison, South Dakota
	M.S. – Computer Science	
	West Texas A&M University	Canyon, Texas

M.B.A. – General Business
West Texas A&M University
B.B.A. – Computer Information Systems

Canyon, Texas

Certifications MIT Professional Education - Data Architecture Certification
Coursera - University of Colorado - Data Warehousing for Business Intelligence Specialization

Skills

- ◇ Management experience ranging from team lead to department levels
- ◇ Experience with personnel management including hiring, training management and performance evaluation
- ◇ Experience in departmental budget forecasting
- ◇ Experience in data governance, data and systems architecture, data quality, modeling and design
- ◇ Experience with Talend DI Suite, IBM Datastage, Informatica Data Quality, Informatica Master Data Management, ERWin, IBM Data Architect, Microsoft Visual Studio, Eclipse, Netbeans, Embarcadero ER/Studio, Adobe Photoshop/Illustrator/Premier, OBIEE, IBM Cognos, Microstrategy, Tableau, Denodo, Microsoft SQL Server, Hadoop, Hive, Oracle, DB2, Teradata, Sybase, SQL Developer, Microsoft Windows (Server 2003 – 2012; DOS 5.0 – Windows 10), Linux (CentOS, Redhat, OpenSUSE, Ubuntu), AIX, NSK
- ◇ Knowledgeable in Java, C/C++, C#, VB.Net, PHP, ASP.Net, Python, Perl, SQL, HTML/XML/CSS, Javascript, IBM Assembly, REXX
- ◇ Strong programming background with experience in all levels of the development process
- ◇ Proficient in hardware and software troubleshooting techniques
- ◇ Knowledgeable in network design, security, implementation and maintenance
- ◇ Strong communicator; Able to relate technical issues to non-technical persons