

Jim Morgan

Lehi, UT • 8015892875 • jim.morgan@orogenisys.com • [linkedin.com/in/jimmorgan5](https://www.linkedin.com/in/jimmorgan5)

Data Scientist

Motivated data and chemical scientist with over a decade of experience learning and teaching. Employing a hybrid approach to blending business and science through project management, database design, and product development. Designed and implemented two SQL databases for use in professional and academic settings for the University of Utah and Innophos Nutrition. Eager to join chemistry background with data analysis at Carbon Direct and make a difference in the world.

WORK EXPERIENCE

University of Utah • Salt Lake City, Utah • 01/2023 - 05/2023

Computational and Data Science Intern

- Spearheaded the development of a student web application using Python, SQL, C# and HTML/CSS and Azure computing platform, offering insights for monitoring and enhancing student outcomes.
- Demonstrated strong oral and written communication skills by delivering presentation and report detailing the project's process, methodologies, and outcomes achieved to a supervisory committee.
- Collaborated with key decision makers in the design and development decision-making process of student tracking system through weekly meetings to integrate a network server and client interfaces.

Teaching Assistant

- Demonstrated leadership in hosting weekly critical thinking workshops consisting of 50+ students per week for 12+ weeks.
- Earned 95% satisfaction rate while employing meticulous attention to detail in grading tests, labs, and homework assignments.
- Applied creative problem-solving techniques to mentor classes of 20+ undergraduate students in submitting projects, resolving challenges, and reinforcing informatics learning.

Nature's Sunshine Products • Lehi, Utah, United States • 12/2018 - 04/2022

Product Development Scientist

- Managed portfolio of 200+ nutritional products, including executing bench-top development, strategic regulatory risk assessments, and data analysis on active nutritional components
- Acted as research partner to local and remote operations, regulatory, and business development counterparts in 10+ markets encompassing parts of Asia and Europe, driving increased sales growth over 8 quarters.
- Utilized statistical methods in both Microsoft Excel and Power BI to present new product development and product revision recommendations to technical and non-technical audiences.
- Innovated new approaches to streamline generating 100+ customer facing product labels per year using FDA guidelines and industry-recognized best-practices.

Innophos Nutrition, Inc. • North Salt Lake, UT • 06/2013 - 01/2018

Synthesis Chemist

- Provided prompt and accurate customer service, utilizing scratch-built information systems to provide current and in-development products details to customers.
- Constructed databases for tracking analytical and synthesis data for current R&D projects with accompanying sample documents, including custom nutritional analysis.
- Provided to customers a scaled-down comprehensive product listing from 2000 to 200 SKUs, facilitating a more rapid response time to incoming customer orders and eliminating product redundancies across consolidated companies

EDUCATION

Master of Science - MS in Computational Science

University of Utah

Honors B.S. in Chemistry

University of Utah

SKILLS

Computer Science, Data Analytics, Data Management, Data Modeling, Microsoft SQL Server, Object-Oriented Programming (OOP), Power BI, Python, Software Project Management, SQL, Statistical Analysis, Statistical Modeling, Structured and Unstructured Data Analysis, Visualization