

Christian Dean Hodgden

Moore,
Oklahoma 73160

- Experienced Report Developer and Data Analyst
- Proficient with SQL, MS Excel, and MS Access
- Certified in Python

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Data Analytics Experience

Industrial Engineering Data Analyst, Hobby Lobby Stores, Inc. - Distribution

Oklahoma City OK: *March 2022 – Present*

Oklahoma City OK: *February 2018 – June 2021*

- Developed and maintained daily, weekly, and monthly business-critical reports using SQL queries in Microsoft Access.
- Designed and managed business-critical reporting systems using VBA in Microsoft Access.
- Created impactful data visualizations using Power BI and Excel, facilitating effective communication of production insights.
- Researched production data and developed accurate labor forecasts, optimizing personnel allocation strategies.
- Designed robust databases to streamline data storage, reporting, and analysis processes.
- Implemented advanced data aggregation methods, enhancing accuracy and integrity in reporting.
- Proactively alerted management about lost sales and other Key Performance Indicator (KPI) issues through comprehensive reporting.
- Collaborated with cross-functional Industrial Engineering teams, contributing to accurate and efficient database development.

Data Quality Auditor, Insight Global

Oklahoma City OK: *July 2021 – September 2021*

- Contractor for LexisNexis Risk Solutions Data Quality Team
- Run monthly routines in Microsoft SQL Server to find record discrepancies in case updates.
- Manually review record discrepancies against Judgment and Lien Case files.
- Case files included Federal and all U.S. States.
- Flag and compile incorrect records into a report for vendor remediation.

Engineering Internship Experience

Process Safety Intern, Linde Engineering North America

Tulsa OK: *May 2015 – August 2015*

- Generated document tools used to verify compliance to NFPA & API standards for piping design team.
- Participated in HAZOP Study for Linde Gases as a scribe. Walked through nodes in the P&ID's of the system.
- Created a reference database of past process safety incidents for process safety engineering team.

Process Engineer Co-Op, Kimberly-Clark Corporation

Paris TX: *June 2014 – August 2014*

Conway AR: *May 2013 – December 2013*

- Worked with Logistics staff to verify purchased materials met order specification agreement and calculated cost of discrepancy between labeled and actual.
- Utilized SAP to analyze production material and maintenance cost, and to place orders for equipment.
- Identified large waste areas and implemented counter measures to significantly reduce costs.
- Improved operations safety by participating in regular EHS studies in the facilities.
- Determined operating efficient set points for production equipment.
- Utilized AutoCAD to read machine drawings and to update machine maps.
- Designed visual job aids of improved work standards and machine updates for operations team.

Certifications

- Certified Entry-Level Python Programmer (PCEP) - Python Institute, *April 2023*

Other Work Experience

Plant Health Care Technician, Arbor Image Tree Care

Oklahoma City OK: *October 2021 – March 2022*

- Mix and apply pesticides and fertilizers to trees on residential and commercial properties.
- Document and report condition of trees including environmental and pest activity to client and Arborist for review.