

Christian Hanson

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ACCOMPLISHMENTS AND ACHIEVEMENTS

- Designed and implemented a data visualization tool using Power BI, integrating data aggregated through Python scripts, to uncover \$2 million in unpaid wages spanning 12 months
- Architected Machine Learning models to forecast client conversion rates and enhance client retention, and successfully integrated these models into production, boosting client retention by 5%
- Developed and implemented an automated Python-based data extraction algorithm to migrate terabytes of client files, streamlining the data migration process and reducing the project delivery timeline by 2 months

WORK EXPERIENCE

Sr. Data Consultant

June 2023 – Current

MTX | Wilmington, NC

- Utilizing advanced SQL and Python to architect and develop fault-tolerant data pipelines, integrating Mulesoft and other ETL tools to address client data migration challenges into Salesforce
- Strategically leading 2 dynamic data consultant teams to develop and optimize data pipelines and automations, perform code review, and maintaining high data integrity
- Collaborating with clients, technical architects, data scientists, and other stakeholders to successfully delivering 4, and counting, data migration projects
- Devising a suite of cloud-based warehousing and infrastructure solutions on Snowflake, AWS, Google Cloud, and Azure, tailored to accommodate a diverse array of data modeling techniques like hierarchical, relational, and dimensional

Business Analyst Consultant

January 2023 – June 2023

RSI | Salt Lake City, UT

- Facilitated over 80 discovery working sessions with key stakeholders from various government agencies, effectively defining software and integration requirements and fostering collaborative solutions
- Expertly led agile sprint using JIRA, authoring over 300 user stories with precise acceptance criteria and diligently logging and resolving defects during UAT ensuring high-quality project adoption
- Reengineered and streamlined over 20 distinct process flows to enhance operational efficiency and bridge process gaps, utilizing Visio for detailed visualization and system integration

Payroll Analyst

August 2022 – January 2023

Tesla | Draper, UT

- Architected and implemented automation tools using Power BI and Tableau, addressing 4 critical end-to-end process gaps and establish new auditing systems to enhance operational oversight and transparency
- Developed an automation process using Power BI, integrating data aggregated through Python, to achieve 100% SOX compliance for the company's 401(k) match and ESPP program

Data Tax Specialist

April 2021 – August 2022

Paycor | Louisville, KY

- Utilized Power BI, SQL, and Snowflake to develop custom Power Platform data pipelines, successfully creating 3 department-specific dashboards that forecasted labor trends and identified staffing gaps
- Created predictive machine learning modules and correlation matrices using Python to evaluate client experience and boost client retention by 5%

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EDUCATION

Indiana University | Bloomington, IN

Bachelor of Science in Public Affairs

O'Neill School of Public and Environmental Affairs

Major: Public Financial Management

CERTIFICATIONS AND COURSES

How to Clean Data with Python Course

December 2022

Codecademy

Analyze Data with Python Skill Path

November 2022

Codecademy

Lightning Experience Reports & Dashboards Specialist

July 2021

Trailhead by Salesforce

FAMILIAR TECHNOLOGIES AND APPLICATIONS

- Python, SQL, SOQL, DAX, M, Git
- Salesforce, Power BI, Tableau, Excel, UKG UltiPro, Power Automate, JIRA, VSCode, Anaconda
- Azure, AWS, Snowflake, Google Cloud
- Codecademy and Pluralsight

EXTRACURRICULAR ACTIVITIES

Engagement Committee Member

April 2021 – August 2022

Paycor Young Professionals – Employee Retention Group (ERG) | Louisville, KY

- Design and coordinate event efforts both digitally and in-person to spread awareness and incite group participation
- Apart of an ever-growing team that's goals are to help develop and grow associates professionally, groom them to achieve their professional aspirations, and to give them the knowledge and skillsets to leverage themselves onto a path of success