Leyla Bauer

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PERSONAL SUMMARY

Data engineer with a driven work ethic and a passion for creativity, problem-solving, and helping others. Confident self starter with a lifelong interest in learning, computer programming, and tech. Initially obtained a degree in audio which evolved into independently managing large events. Currently focuses on technology and working with large datasets for data ETL to make data more accessible for all. Passionate about understanding consumers and applying skills to applications that will benefit others with a desire to find a collaborative team to continue utilizing cutting edge technology and contribute to ongoing projects.

EXPERIENCE

PDI, Chicago IL — *Data Engineer I, II*

AUGUST 2020 - DECEMBER 2021, DE I, JANUARY 2022 - CURRENT, DE II

- Learned legacy undocumented code base to perform data pipeline maintenance & ensure loading of clean data to production environment.
- Helped lead migration of clients from silo databases to standardized data warehouse to reduce redundancy in code and data. Created on and offboarding pipelines via Airflow for actual movement of data resulting in minimal downtime for clients.
- Identify errors in both legacy Java data pipeline & new SQl/Python pipeline & determine best ways to fix such to keep flow of data constant.
- Work with legacy undocumented AWS data pipelines to document & update as required by business.
- Create new table models in Snowflake using DBT to modernize legacy data pipelines.
- Wrote documentation for never before documented legacy code base & new data pipelines along with documentation to help onboard new Data Engineers and Data Operations analysts.
- Developed best practices for onboarding new clients to a constantly evolving new data pipeline using GCP BigQuery, Python, Airflow.
- Work with BI to determine best ways to process new data & schema standardization along with technical abilities on how to implement such.
- Wrote Python scripts & Airflow pipelines to help self & other DE team create complex SQl queries & perform basic daily tasks faster & easier
- Assists in training younger Data Engineers in best practices & troubleshooting data problems to determine source of errors and best way to solve problems

Wavicle Data Solutions, Chicago IL — *Junior Data Engineer*

JANUARY 2020 - APRIL 2020 *(position eliminated due to COVID-19)*

- Built & maintained comprehensive Big Data ETL pipelines w/Spark, Talend, & more to connect with AWS platforms.
- Designed a database schema for data organization in AWS Redshift and wrote algorithms in Spark/Python for standardization & ingestion of large datasets in a relational database.
- Built Talend programs in conjunction with Python/Spark to handle slowly changing dimensions (SCD2) in large datasets.
- Developed small projects to analyze streaming data, machine learning, & natural language processing and exposure to data science techniques.

LANGUAGES

Python, SQL, Java

CURRENT TECH STACK

GCP BigQuery, Storage, Dataflows, Composer, Compute
Airflow, Snowflake, DBT, Dagster, AWS EC2, Redshift, Glue
Data ETL, Standardization
Data Warehouses
Data Structures
Data Pipelines

PREVIOUS TECH STACKS

AWS EC2, S3, Redshift.
Spark/PySpark, Pandas, NumPy, Flask, Angular, Jinja

CERTIFICATIONS

Snowflake SnowPro Core

ETC

Jupyter Notebook, VSCode, IntelliJ, PyCharm, JSON, Git, gsutil, GitHub, Jira, Bitbucket, Confluence

EDUCATION

COLUMBIA COLLEGE CHICAGO

Bachelor of Arts in Audio Design & Production, 2012
Bachelor of Music in Composition, 2012

Coding Temple, Chicago IL — *Software Engineer*

JUNE 2019 - SEPTEMBER 2019

- Attended full time in person tech bootcamp dedicated to studying full stack development and data engineering with open source technologies.
- Built multiple projects using multiple frameworks & languages, including business websites, designing front end interfaces and back end engineering, command line games, & data analytics both independently and collaboratively in groups.
- Focused on working with Python and Javascript using MVC architecture working with Postgres to build SQL relational databases.

Atlas Obscura, Chicago/NYC/London — *Senior Event Planner*

DECEMBER 2015 - DECEMBER 2020

- Independently created 30+ repeatable events to establish the startup brand both in the Chicago area & internationally.
- Comprehensively produced a diverse events schedule, including writing scavenger hunts to planning 250-500+ person events w/alcohol, and decision making on contract negotiation, performers, volunteers, & city permits.
- Significantly increased October 2017 ticket sales by 279% compared to prior year while interim manager for the Chicago market by developing a marketing plan focused on scheduling smaller, curated events.
- Remotely developed multiple international events for the London market, including managing ticket sales, venue scouting & discovering subject matter experts for curated events targeting a local audience.

Uptown United, Uptown, Chicago, IL — *Program Manager*

FEBRUARY 2019 - JUNE 2019

- Collaborated with local business, local government, & the Chicago Transit Authority to determine how to best support the Uptown community in advance of a multi year, multi billion dollar transit construction project.
- Developed an in-depth analysis of the digital presence of the "Asia on Argyle" neighborhood to aid the CTA in their development of a marketing plan for local businesses prior to the start of the transit project.

Madison Square Garden/The Chicago Theatre, Chicago, IL — *Tour Guide & Historian*

JUNE 2011 - PRESENT

- Educated 10,000+ people on the history of the Chicago Theatre & able to connect with diverse groups of people from dozens of countries.
- Flexible in adapting tour routes due to unexpected events in the theatre and customer service, offering consistency in energy as a public speaker.
- Spends time researching in archives to discover historic information & write new tours on the building.
- Enhanced impact experience of the theatre for guests by learning how to play the pipe organ & how to speak key phrases in Mandarin Chinese.