

Song (Steven) Cang Nguyen

312-619-6500 | cangns229@gmail.com | linkedin.com/in/songcangn | github.com/songcangnguyen | songcangnguyen.com

EDUCATION

Oregon State University

Corvallis, OR

Master of Science in Computer Science

June 2027

Coursework: Machine Learning, Big Data, Natural Language Understanding, Deep Learning.

University of Illinois - Chicago

Chicago, IL

Bachelor of Science in Information Decision Science and Statistics, GPA: 3.64/4

May 2022

EXPERIENCE

Molina Healthcare

October 2023 – May 2025

Data Analyst, Clinical Informatics

Long Beach, CA

- Developed **the first centralized report framework** using **Power BI (Microsoft Fabric)** supporting strategy for Assistant Vice President and Nurse Practitioner Managers, resulting in 40+ rise in account engagement.
- Automated end-to-end data pipelines with **SQL Integration Services (SSIS)**, enabling daily updates on departmental visit reports, saving **20+ hours** per project.
- Implemented SQL to develop stored procedures using **Microsoft SQL Server** and **Databricks** which enhanced data querying efficiency 23%.
- Analyzed visit performance variances across states, scrutinized patient information in **EPIC**, provided precise data to **120 providers**.

BeaconFire Inc

July 2022 – October 2023

Data Engineer

East Windsor, NJ

- Automated data pipeline in **Snowflake** to ingest and transform unstructured data from **AWS S3** bucket and cross-functional team, enhanced calculation accuracy by 35%.
- Developed **Power BI** dashboard to conduct data analysis and visualization, supported business decision-making by saving **10 hours** per week of manual reporting work.
- Forecasted the correlation between customer lateness and contact cost using **Python** regression model (R-squared: 0.87), **contributing 29% rise in customer retention rates**.
- Maintained code utilizing **Azure DevOps** for version control, ensuring efficient code tracking across teams.

Upkey

August 2020 – December 2020

Data Analyst Intern

Chicago, IL

- Identified and interpreted data integrity issues during data migration, leveraged data using **Microsoft SQL Server** and **Excel** to store 10,000+ rows.
- Developed 20+ interactive dashboards for Business Consultant team using **Tableau**, saving 10 hours per week, enabled effective daily campaign analysis.
- Utilized regression model, calculated sample variance, pooled variance, and p-value of 0.182, decided to reject null hypothesis for the gender wage gap in the firm.

SKILLS

Technologies: Microsoft SQL Server, SSIS, SSRS, EPIC, Microsoft Fabric, Snowflake, Azure Data Studio, Databricks, Jupyter Notebook, Azure DevOps, Power BI, Tableau, Excel

Language: Python, SQL, R, C, CSS, JavaScript

Certifications: PL-300 Microsoft Power BI Data Analyst, DP-900 Microsoft Azure Data Fundamental, Statistics for Data Science and Data Analysis, Google Data Analytics Professional

PROJECTS

Twitter Data Pipeline

- Developed end-to-end data pipeline using **Airflow** and **Python**. Extracted data using Twitter API, and Python to transform data, deploy code on **Airflow/EC2**, save final result on **Amazon S3**.

Layoffs Exploratory Data Analysis

- Utilized **Python** (Pandas, matplotlib, plotly), employed graphical visualization to answer questions and clarify hypotheses about recent layoffs from around the world from 2020-2023, programmed in **Jupyter Notebook**.