

Wei Chen

Data Scientist

wei.chen@example.com
(206) 555-0148
Seattle, WA
github.com/weichen-ds
linkedin.com/in/weichen

SUMMARY

Data scientist with six years shipping machine learning models to production in Python. Built the demand forecasting system that cut stockouts by 23% across 400 stores, and works closely with engineering to deploy, monitor and retrain models.

EXPERIENCE

Lumenfield

Apr 2022 – Present

Senior Data Scientist

Seattle, WA

- Built a demand forecasting model in Python and PyTorch for 400 stores, reducing stockouts by 23% in the first year.
- Deployed models to production on AWS SageMaker with automated retraining, cutting model refresh time from two weeks to one day.
- Designed the experimentation framework used for 60 A/B tests a year, standardizing power analysis across three teams.

Copperline Insurance

Aug 2019 – Mar 2022

Data Scientist

Seattle, WA

- Developed a machine learning claims triage model in scikit-learn that routed 35% of claims to fast-track, saving \$4M a year.
- Engineered features from 80M rows of claims data in Spark and SQL, improving model AUC from 0.71 to 0.83.
- Presented model results and limitations to underwriting leadership, securing approval for a company-wide rollout.

PROJECTS

forecastkit

2023 – Present

Author · Python, PyTorch

- Published an open-source library for hierarchical time-series forecasting with 1,100 GitHub stars.

SKILLS

Modeling Python · PyTorch · scikit-learn · Machine learning · Statistics

Data SQL · Spark · AWS · A/B testing

EDUCATION

University of Washington

2017 – 2019

M.S. Statistics