# Ivy Chen — Machine Learning Engineer

Years of Experience: 12
Bootcamp / Diploma in Data Science

IVY CHEN
MACHINE LEARNING ENGINEER
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SUMMARY
Results■driven Machine Learning Engineer with 12 years of progressive experience in data analytics, model development, and cloud■based ML solutions. Proven track record of delivering scalable models that increase business efficiency and unlock insights from complex datasets.

SKILLS
Python, R, SQL, scikit■learn, TensorFlow, PyTorch, Feature Engineering, Model Deployment, AWS, Azure, GCP, Data Wrangling, Time■series Analysis, Natural Language Processing, Computer Vision

EXPERIENCE

- Architected large■scale deep■learning solutions for image recognition, reducing inference latency by 35%.
- Managed a team of 4 ML engineers and coordinated with product, engineering, and data science teams.
- Evaluated and integrated cutting■edge NLP techniques, boosting recommendation accuracy by 12%.

- Led the migration of on■premise ML workflows to AWS SageMaker.
- Optimized end■to■end data pipelines using Apache Airflow and Docker.
- Mentored junior engineers on best practices for reproducible research.

- Designed and trained supervised learning models for predictive maintenance.
- Implemented feature engineering and selection pipelines using scikit■learn.
- Deployed models to a cloud environment and monitored performance metrics.

- Developed automated reporting pipelines that reduced manual effort by 40%.
- Performed statistical analysis to uncover key drivers of customer churn.
- Worked with cross■functional teams to translate analytical insights into product enhancements.

- Collected and cleaned large datasets using Python and SQL.
- Built exploratory data analysis dashboards to support business units.
- Collaborated with senior data scientists on preliminary model prototyping.

EDUCATION

Diploma in Data Science
Applied Analytics Institute - San Francisco, CA | 2011

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*All information above reflects the candidate's provided profile.*