

Name: Dr. Yuki Tanaka

Age: 32 | Gender: Female

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Location: Seattle, WA | Visa Status: H1B (Valid through 2027)

## PROFESSIONAL SUMMARY

Data scientist with 8 years of experience applying machine learning to business problems. Expertise in NLP, computer vision, and predictive modeling. Strong track record of deploying ML models that drive revenue growth and operational efficiency.

## WORK EXPERIENCE

Senior Data Scientist | Microsoft | 2021 - Present

- Built NLP models for Azure Cognitive Services used by 10K+ customers
- Developed recommendation system increasing engagement by 28%
- Led team of 4 data scientists on ML platform initiative
- Published 3 papers at top ML conferences

Data Scientist | Amazon | 2018 - 2021

- Created demand forecasting models saving \$20M in inventory costs
- Built computer vision system for automated quality inspection
- Deployed models on AWS SageMaker serving 1M+ predictions daily

Machine Learning Engineer | Rakuten (Tokyo, Japan) | 2016 - 2018

- Developed recommendation algorithms for e-commerce platform
- Improved click-through rate by 35% using deep learning
- Collaborated with engineers on ML infrastructure

## EDUCATION

PhD Computer Science (Machine Learning) - Carnegie Mellon University (2016)

MS Computer Science - University of Tokyo

BS Applied Mathematics - Kyoto University

## PUBLICATIONS

- "Transformer Models for E-commerce Recommendations" - NeurIPS 2023
- "Efficient Training of Large Language Models" - ICML 2022
- "Cross-lingual NLP for Global Platforms" - ACL 2021

## TECHNICAL SKILLS

Python, R, TensorFlow, PyTorch, Scikit-learn, Pandas, NumPy, SQL, Spark, AWS, Azure, Machine Learning, Deep Learning, NLP, Computer Vision, MLOps, Statistics, A/B Testing