

Emily Chen

Data Science Manager

Email: emily.chen@email.com

Location: Chicago, IL

Experience: 8 years

Professional Summary

Data science leader with 8 years experience building analytics teams and AI-powered products. Expert in Python, machine learning, and translating business needs into technical solutions.

Professional Experience

Data Science Manager | Fintech Unicorn | 2021 - Present

- Managed data science team of 15 engineers and researchers building AI-powered financial products
- Led development of fraud detection AI system using Python and scikit-learn, preventing \$50M+ in losses
- Shipped personalized investment recommendation engine increasing customer engagement by 35%

Senior Data Scientist | Retail Analytics | 2019 - 2021

- Built customer segmentation models using Python and machine learning, driving \$20M revenue increase
- Developed demand forecasting system optimizing inventory management across 500+ stores
- Published research on deep learning applications in retail at top-tier analytics conferences

Data Scientist | Marketing Tech | 2017 - 2019

- Implemented A/B testing framework using Python and statistics for product optimization
- Built attribution models measuring marketing campaign effectiveness across digital channels

Junior Data Scientist | Consulting Firm | 2016 - 2017

- Analyzed customer data using Python and SQL to identify business improvement opportunities
- Won "Rising Star Award" for exceptional analytical skills and client impact

Technical Skills

- **Programming:** 8 years Python, 6 years SQL, 3 years R
- **ML/Analytics:** 7 years Machine Learning, 5 years Statistics, 4 years Data Science
- **Leadership:** 4 years Team Management, 6 years Project Management
- **Tools:** 4 years Tableau, 3 years AWS

Education

Ph.D. Statistics | University of Chicago | 2016

B.A. Mathematics | Northwestern University | 2012