



# Curtis Mitchell

has successfully completed

## Machine Learning Engineering Career Track

A 500+ hour online course that covers Machine Learning, Deep Learning, Natural Language Processing, and Production and Deployment of AI systems in Python. Curtis Mitchell participated in weekly live 1:1 mentoring sessions with an industry-experienced Machine Learning Engineer, and successfully completed a final project, “Japanese-English Translation Application” that was reviewed by an independent industry expert.

### Mini-Projects Completed

- Data collection via APIs
- Data wrangling in Pandas
- JSON
- SQL at scale with Spark
- Data wrangling with Spark
- Inferential Statistics
- Probabilistic programming case study
- Linear regression
- Logistic regression
- Tree-based algorithms
- Scaling with SparkML
- NLP case study
- Image processing case study

A handwritten signature in black ink, reading 'Jonathan Heyne'.

Jonathan Heyne  
General Manager, Data Science Programs

### Topics Covered

- Data collection via APIs
- Data wrangling in Pandas and Spark
- SQL at scale
- Statistics (frequentist and bayesian)
- Machine Learning with scikit-learn
- Scaling Machine Learning with SparkML
- Deep Learning
- Natural Language Processing
- Computer Vision
- Production and Deployment of AI systems
- Software engineering for AI

A handwritten signature in black ink, reading 'Dhiraj Kumar'.

Dhiraj Kumar  
Machine Learning Engineering Mentor,  
Springboard