

# Kenneth Nicholas

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## Summary

Immersed in AI products, projects, data science and consulting since 2014. Founded 2 startups and sold them after developing products. Angel Investor from 2007 until 2013.

Owned an Enterprise Consulting business, implementing and selling enterprise planning and business intelligence products from partners, from 2005 to 2014

Worked for IBM, JP Morgan Chase, and Unilever in progressive roles prior to 2005.

Successfully, improved performance for 30 Fortune 500 companies

Managed, worked with and developed top AI talents and teams.

Currently managing and helping enterprise clients to incorporate generative AI.

Engineering degree and MBA.

Get up at 3 am every day to keep up with all the latest skills and projects for AI and Cloud. 250 professional and other skill certifications and badges.

Interests include sprinting, meditation, and water fasting.

## Experience

### Technology Skills

#### SKILLS ACQUIRED

Jan 2004 - Present (20 years 5 months)

All ML frameworks, LLMs, Generative AI, AI Research, Traditional ML, Deep Learning, MLOps, Cloud Computing, DevOps, Cloud Architect, Cloud engineer, Machine Learning Engineer, Database Engineer, Data Engineer, Data Scientist, Cloud Application Developer, Security Engineer, Project Management, Team Management, AI Strategy, AI Explanations & Evaluations, Responsible AI, Ethical AI strategies, legal, compliance, and risk management, Training AI Skills, big data, Data Warehouse, Data Strategy, Data Privacy, Digital Transformations, Microservices, Distributed computing , Migrations, Multi/hybrid Cloud. Built an E-Commerce app and an AI app,

Regressions, classifications, clustering, anomaly/outlier/fraud/threat detection, chat bots, question/answering.

Generative AI, Open/Closed LLMs, Prompt Engg, LangChain, Advance RAG, RLHF, Vector Search, Sentiment Analysis, NER, Text Classification, summarization, labeling etc., Gensim, Spacy, BERT, Chatbots, NLTK, Embeddings, NMT, Transformers, hugging face models.

TensorFlow, TFX, Kube Flow pipelines, CUDA, Tensorflow js, tf.data, Keras, Transfer Learning, Ensemble Learning, RNN, GRU, LSTM, self/multi head Attention, Adversarial Networks, Neural Machine Translations, CNN, Facial Recognition, Face/body similarity, Object detection, image captioning, segmentation, transitioning, style transfer, all types of GANs, all types of Reinforcement Learning for trading, complex custom transformers, vision transformers, Diffusion Models etc., AWS, Google Cloud, Azure, IBM Cloud, Spark, DataBricks, MongoDB, MySQL, Storage, BigQuery, BigTable, postgres, Alloydb. Hadoop, web-scraping, Apache beam, Apache Airflow, Composer.

Matplotlib, ggplot , seaborn, plotly and DASH

Python, Pandas, Pytorch, Tensor Flow, Trax, OpenCV, SciPy, Numpy, Scikit-Learn, flask, django,HTML/CSS, Javascript, Scala, C###, Docker, Kubernetes, Linux.

Enterprise Planning, BI, Reporting and Analysis, IBM/Congos planning, reporting, TM1. Anaplan, looker, Tableau and others

## **Certifications of Tech/Other**

### **SKILLS ACQUIRED**

Jan 2004 - Present (20 years 5 months)

AI / ML SPECIALIZATIONS/PROFESSIONAL CERTIFICATIONS :

1. Tensorflow: Advanced Techniques Spec DeepLearning.AI
2. Tensorflow: Data & Deployment Spec DeepLearning.AI
3. Natural Language Processing Spec DeepLearning.AI
4. Practical Data Science on the AWS Cloud Spec. AWS, DeepLearning.AI
5. AI Tensorflow Developer Professional Certificate DeepLearning.AI
6. AI for Medicine Spec DeepLearning.AI
7. ML Spec Google Cloud
8. Advanced ML Spec Google Cloud
9. Generative Adversarial Networks spec DeepLearning.AI
10. Python, Bash and SQL Essentials for Data Engineering Spec Duke U.
11. ML Engineering for Production (MLOps) Spec DeepLearning.AI
12. Building Cloud Computing Solutions at Scale Spec Duke U
13. Applied Data Science with Python Spec U of Michigan
14. ML for Trading Spec New York Institute of Finance
15. Practical Trading Spec Interactive Brokers
16. ML and Reinforcement Learning in Finance Spec NYU
17. Investment Management with Python and ML Spec EDHEC Business school
18. MongoDB(5 cert) MongoDB U.
19. SQL for Data Science U of California
20. Google Cloud Certified - Cloud Digital Leader
21. Google Cloud Certified - Associate Cloud Engineer
22. Google Cloud Certified - Professional Cloud Security Engineer
23. Google Cloud Certified - Professional Cloud Architect
24. Google Cloud Certified - Professional Cloud DevOps Engineer
25. Google Cloud Certified - Professional Cloud Developer
26. Google Cloud Certified - Professional Cloud Database Engineer
27. Google Cloud Certified - Professional Data Engineer
28. Google Cloud Certified - Professional Machine Learning Engineer
29. AI in Healthcare - Stanford
30. Business Analytics - Harvard Business School
31. Reinforcement Learning - U of Alberta
32. Google Skill Boost Cloud badges, Other projects Coursera, BI and Planning Certificates of IBM/Cognos

## **Consulting Skills**

### **SKILLS ACQUIRED**

2004 - Present (20 years)

At ease working with various stakeholders to manage change. Worked alongside McKinsey & Co., Boston Consulting Group, AT. Kearney, PriceWaterhouse Consulting, IBM Consulting, Oliver Wyman

and Tandon Capital at various capacities. Consulted for 30 of the Fortune 500 companies to improve performance.

## **Leadership Skills**

### **SKILLS ACQUIRED**

2004 - Present (20 years)

Led companies as a Founder and CEO. Managed clients and employees for desired results. Sold and implemented AI/BI/enterprise planning products/services to Fortune 500 companies. Founded an E-commerce private marketplace and managed various constituents. Worked as a manager/lead consultant and led various endeavors for JP Morgan Chase, IBM and Unilever. Managed factory operations for Unilever plc with 126 employees and 7 supervisors to meet production targets.

## **AI Developer/Engineer/Architect to AI Manager/Executive**

### **SUBMIT AI INC.**

Jul 2014 - Present (9 years 11 months)

- Developed over 1000 models for diverse clients (banks, insurance, manufacturing, utilities, cellphone, multi-trillion asset manager, staffing, retail, startups, etc.,) utilizing various frameworks and Operationalizing ML by setting up end to end MIOps.
  - Specialized in transformer-derived variations since 2018. Lately working on Generative AI from 2023.
  - Designed models for various applications, for example quality control, loan default prediction, inventory control, risk mitigation, employee retention, threat identification, face recognition, object detection, object segmentation, and image captioning.
  - Led the creation of a proprietary AI-focused app for profitable equity trading.
  - Developed facial recognition for a top cell phone company in 2017.
  - Developed a comprehensive suite of 200 intricate machine learning models for stock selection, buy/sell/hold recommendations, sector analysis, earnings analysis, news analysis, macroeconomic analysis, and portfolio management in 2015.
  - Created custom auto ML for selecting the best models, automated hyperparameter selections, and trained models to replicate stock selections of a renowned investor.
  - Employed transfer learning and customized models with various combinations to enhance performance.
  - Built complex models with multiple input streams leading to various customized outcomes.
  - Identified impactful AI/ML projects for clients, successfully executing hundreds of projects.
  - Pioneered the introduction of machine learning at a multi-trillion asset manager in 2018,
  - Managed a team of data scientists, ML engineers, and lead managers, ensuring client satisfaction.
- Mentored Phd ML researchers and software development teams.
- Worked on foundational transformer-derived technologies, language, diffusion and generative models, RLHF, vision AI, LLM, LangChain, Advance RAG, Vector Search, and prompt engineering,
  - Developed AI chatbots in 2017 for a bank
  - Up-to-date on AI, 250 + certifications in related fields

## **Founder, President & CEO**

ZipJOINT, Inc. Private Marketplace

Jan 2016 - May 2018 (2 years 5 months)

Closed on May 6, 2018

Built an ecommerce social media website from scratch. Sell, Rent or buy new/used/underused stuff or skills. Open your free private JOINT to earn, save & help. Use our dedicated, transaction oriented, easy to use social media platform and be productive. Do business locally or globally in 25 currencies.

## **President & CEO**

### **YAWA Corp**

Jul 2005 - Aug 2015 (10 years 2 months)

Recruited & managed 20 consultants. Sold services and performed presales and business development activities. Partnered with IBM to develop, customize and implement IBM and Cognos Enterprise Planning and Reporting products. Developed and Implemented real time Enterprise planning and Business Intelligence systems to forecast and report Sales, P&L, Balance Sheet, Cash Flow, detail expense of all categories, Capital Expenditure, Detail revenue items, employee expenses, metrics etc., for mid-range to large companies from various categories. Companies such as Nordstrom, AIG, Centene Corporation, Aetna, Diageo, Abbott, Takeda Pharmaceuticals, Cabrini Medical, Wright Medical, Spring Industries, Yahoo, DST Systems, DST Output, Woods hole Oceanographic Institution, Geophysical Society, JP Morgan Chase, Manpower etc.,

## **Consultant>>Sr. Consultant/Project Mgr>>Principal Consultant**

### **IBM Previously Cognos and Adaytum**

1999 - 2005 (6 years)

Designed and developed multi-dimensional models for various mid to large businesses to capture, calculate and report real time various data for budgeting, forecasting and decision making. Worked with a pre-sales team to develop business model prototypes for proof of concept for various companies. Reviewed and redesigned models for clients who had a business model change. Re-evaluated and reengineered budgeting and forecasting process for efficiency and productivity. Contributed to product improvement through constant dialogue with R&D. Enabled internet startups like Quid Nunc Pros to reevaluate their business model. Designed and captured relevant drivers to accurately portray business models for Corinthian colleges. Helped Deltek Inc., to incorporate their product into Analyst, Contributor of Adaytum, Inc. Evaluated and redesigned models for Novartis for efficiency. Designed and implemented rolling forecasting models and reporting in multi-currency for global PriceWaterhouse Consulting business. Implemented financial systems to forecast and report P&L, Balance Sheet, Cash Flow, detail expense of all categories, Capital Expenditure, Detail revenue items, employee expenses, metrics, capital plan, funding requirements, bond issue for Wisconsin Public Services now part of Integrys Energy Group. A utility company based in the Midwest. Worked on redesign of Merck forecasting systems. Implemented and improved business models for Pfizer. Developed and designed business models for TAP Pharmaceuticals. Helped to implement Johnson and Johnson forecasting systems. Designed models for Peoples Gas, TECO, a utility company from Tampa, Florida. Designed forecasting Models for Atlas Air, an air cargo company from New York. Designed Daimler Trucks of North America's financial planning system.



## **Analyst>>Controller>>Asst. Vice President**

### **JPMorgan Chase & Co.**

1994 - 1998 (4 years)

Worked with McKinsey & Co on a five year strategic plan to improve business performance. Worked with Boston Consulting group to value various business units and developed strategies to improve shareholder value. Worked with AT Kearney on Strategic sourcing projects to reduce expenses across the bank. Worked with Tandon capital to reorganize and refocus Chase Manhattan Bank. Worked on

various projects to improve business performance across various business unit. Developed and refined risk capital process. Responsible for budgeting, reporting and planning for various units. Worked on merger projects with Chemical Bank. Controller of the small business segment.

## Education



### **Harvard Business School Online**

Business Analytics Certificate



### **Stanford University**

AI in Healthcare



### **New York University**

Machine Learning and Reinforcement Learning in Finance



### **Duke University**

Building Cloud Computing Solutions at Scale



### **Duke University**

Python, Bash and SQL Essentials for Data Engineering



### **University of Rochester - Simon Business School**

Master of Business Administration - MBA



### **EDHEC Business School**

Investment Management with Python and Machine Learning



### **New York Institute of Finance**

Machine Learning for Trading



### **University of Alberta**

Reinforcement Learning



### **University of California, Davis**

SQL for Data Science


## Licenses & Certifications




### **Introduction to Portfolio Construction and Analysis with Python - EDHEC-Risk**

Climate Impact Institute

Coursera NPTJK2KKMTEH


 **Advanced Portfolio Construction and Analysis with Python** - EDHEC Business School  
Coursera CHDN3G3EHJGA

 **Python and Machine Learning for Asset Management** - EDHEC-Risk Climate Impact Institute  
Coursera BS9EU2DWKYA2

 **Python and Machine Learning for Asset Management with Alternative Data Sets** - EDHEC-Risk Climate Impact Institute  
Coursera A69P7TKR3JL9

 **Investment Management with Python and Machine Learning Specialization** - EDHEC-Risk Climate Impact Institute  
Coursera 2GRL9DVRRE8N

 **Introduction to Trading, Machine Learning & GCP** - New York Institute of Finance  
Coursera 226LDC5E9269


 **Using Machine Learning in Trading and Finance** - New York Institute of Finance  
Coursera VWRKTANCS35E

 **Reinforcement Learning for Trading Strategies** - New York Institute of Finance  
Coursera 4VAJ3WARL9KK

 **Machine Learning for Trading Specialization** - New York Institute of Finance  
Coursera L5FPRQ4APZNF

 **Fundamentals of Equities** - Interactive Brokers  
Coursera NCPJP4CPF8M

 **Forex - Trading Around the World** - Interactive Brokers  
Coursera E74NPAYJ9LSL

 **U.S. Bond Investing Basics** - Interactive Brokers  
Coursera E22YCR2UQ3V7

 **Derivatives - Options & Futures** - Interactive Brokers

Coursera HJHUHHUSZDZX



**Practical Guide to Trading Specialization - Interactive Brokers**

Coursera KDGF4PWJAGXC



**SQL for Data Science - University of California, Davis**

Coursera Y29JBT5MCJED



**MongoDB M320 Data Modeling - MongoDB University**

b4bff280-f5d6-4c82-a0bb-505c73a495a5



**MongoDB M121 Aggregation Framework - MongoDB University**

067a19a7-6500-4702-9202-a5ad4853cd9c



**MongoDB M201 MongoDB Performance - MongoDB University**

4f147be2-68ff-4443-adb3-22ee7d2e42d9



**MongoDB A300 Atlas Security - MongoDB University**

bb144f3d-c586-494c-ba70-4e75c5fef581



**MongoDB M001 MongoDB Basics - MongoDB University**

e5417dd2-2d62-43bc-8124-2e0187fd5e4f



**Measuring Stock Liquidity - Coursera**

coursera./4BKW7H8AFA4C



**Discounted Cash Flow Modeling - Coursera**

coursera/4NEZRGYCRHPF



**Creating Multi Task Models With Keras - Coursera**

coursera./7BUVX8C5FH3A



**Fine Tune BERT for Text Classification with TensorFlow - Coursera**

coursera/45BL8MSU6SLG



**Visualizing Filters of a CNN using TensorFlow - Coursera**

coursera/85B89WSD9LJ3



**Compare Stock Returns with Google Sheets - Coursera**

coursera/NSQ2QMYABNS6



### **Deep Learning with PyTorch : Neural Style Transfer - Coursera**

[coursera/PGK56KJA6N4E](https://coursera.org/PGK56KJA6N4E)



### **Analyzing Company Performance using Ratios - Coursera**

[coursera.org/XBZGKXMPDKG3](https://coursera.org/XBZGKXMPDKG3)



### **Introduction to Valuation with WACC - Coursera**

[coursera/ZDQMR8TQ6X5C](https://coursera.org/ZDQMR8TQ6X5C)



### **AWS S3 Basics - Coursera**

[coursera/ZPVUXYQBVTSP](https://coursera.org/ZPVUXYQBVTSP)



### **Introduction to TensorFlow for Artificial Intelligence, Machine Learning, and Deep Learning - DeepLearning.AI**

[coursera.org/J44PP3W5Z5UN](https://coursera.org/J44PP3W5Z5UN)



### **Convolutional Neural Networks in TensorFlow - DeepLearning.AI**

[coursera/Q47NPDZCH8NE](https://coursera.org/Q47NPDZCH8NE)



### **Natural Language Processing in TensorFlow - DeepLearning.AI**

[coursera/WPUTXWDSSQD4](https://coursera.org/WPUTXWDSSQD4)



### **Sequences, Time Series and Prediction - DeepLearning.AI**

[coursera/RDY6GDSCJEW P](https://coursera.org/RDY6GDSCJEW P)



### **TensorFlow Developer Professional Certificate - DeepLearning.AI**

[coursera/professional-cert/KKC7DE48G4R6](https://coursera.org/professional-cert/KKC7DE48G4R6)



### **Practical Data Science on the AWS Cloud Specialization - Amazon Web Services (AWS)**

[coursera/TQP25FNEG8RT](https://coursera.org/TQP25FNEG8RT)



### **Analyze Datasets and Train ML Models using AutoML - Amazon Web Services (AWS)**

[coursera/Y2C79ACBD7CR](https://coursera.org/Y2C79ACBD7CR)



### **Build, Train, and Deploy ML Pipelines using BERT - Amazon Web Services (AWS)**


[coursera/DTZWWAVLSRTX](https://coursera.org/DTZWWAVLSRTX)





### **Optimize ML Models and Deploy Human-in-the-Loop Pipelines - Amazon Web Services (AWS)**




[coursera/ETT538LXX6LQ](#)

 **AI for Medicine Specialization** - DeepLearning.AI  
[coursera/EJR7S6RJAF4B](#)

 **AI for Medical Diagnosis** - DeepLearning.AI  
[coursera/V92QMS56AH4L](#)

 **AI for Medical Prognosis** - DeepLearning.AI  
[coursera/2HQ78LGWE74S](#)

 **AI For Medical Treatment** - DeepLearning.AI  
[coursera/PL69RSUGU9EQ](#)

 **Natural Language Processing Specialization** - DeepLearning.AI  
[coursera/KPCD2VRW7H2R](#)

 **Natural Language Processing with Classification and Vector Spaces** -  
DeepLearning.AI  
[coursera/4V7RYQ9KVLRZ](#)


 **Natural Language Processing with Probabilistic Models** - DeepLearning.AI  
[coursera/45SL7WB4R6DB](#)

 **Natural Language Processing with Sequence Models** - DeepLearning.AI  
[coursera/7ASAQR5VZJH9](#)

 **Natural Language Processing with Attention Models** - DeepLearning.AI  
[coursera/E5LTP6UKBKME](#)

 **Generative Adversarial Networks (GANs) Specialization** - DeepLearning.AI  
[coursera.org/KK2V9V35Y5RF](#)

 **Build Basic Generative Adversarial Networks (GANs)** - DeepLearning.AI  
[coursera/HZVF77MZAMRU](#)

 **Build Better Generative Adversarial Networks (GANs)** - DeepLearning.AI  
[coursera/8PGHU7E66FRQ](#)

 **Apply Generative Adversarial Networks (GANs)** - DeepLearning.AI

coursera/9D58XQH24CYF



**TensorFlow: Advanced Techniques Specialization** - DeepLearning.AI

coursera/FBVBZEJQHKDZ



**Custom Models, Layers, and Loss Functions with TensorFlow** - DeepLearning.AI

coursera/7TNA89PFYPJW



**Custom and Distributed Training with TensorFlow** - DeepLearning.AI

coursera/N8RELMEZTCHH



**Advanced Computer Vision with TensorFlow** - DeepLearning.AI

coursera/EX5XEC5AEWCH



**Generative Deep Learning with TensorFlow** - DeepLearning.AI

coursera/PWY7TPQMHH5C



**TensorFlow: Data and Deployment Specialization** - DeepLearning.AI

coursera/GAWG7FZ7BTKB



**Browser- based Models with TensorFlow.js** - DeepLearning.AI

coursera/ZAUE9VPQ85VW



**Device- based Models with TensorFlow Lite** - DeepLearning.AI

coursera/KZMEGCSXMTW8



**Data Pipelines with TensorFlow Data Services** - DeepLearning.AI

coursera/CG9W9D7WXQYD



**Advanced Deployment Scenarios with TensorFlow** - DeepLearning.AI

coursera/9HG9MAWPM68U



**Building Cloud Computing Solutions at Scale Specialization** - Duke University

coursera/WX7QVJ323KSN



**Cloud Computing Foundations** - Duke University

coursera/3LEF9HMHZVBJJS



**Cloud Virtualization, Containers and APIs** - Duke University

coursera/UQ46KERS7M5E



### **Cloud Data Engineering - Duke University**

[coursera/LGUNHA5FMXGM](https://coursera.org/course/LGUNHA5FMXGM)



### **Cloud Machine Learning Engineering and MLOps - Duke University**

[coursera/EMWEEYFAGJYM](https://coursera.org/course/EMWEEYFAGJYM)



### **Python, Bash and SQL Essentials for Data Engineering Specialization - Duke University**

[coursera/RJKPP27EYZT](https://coursera.org/course/RJKPP27EYZT)



### **Python and Pandas for Data Engineering - Duke University**

[coursera/HXB2TRRTC5D3](https://coursera.org/course/HXB2TRRTC5D3)



### **Linux and Bash for Data Engineering - Duke University**

[coursera/RAVSASH7DQWT](https://coursera.org/course/RAVSASH7DQWT)



### **Scripting with Python and SQL for Data Engineering - Duke University**

[coursera/N3C4A9K45ZPD](https://coursera.org/course/N3C4A9K45ZPD)



### **Web Applications and Command- Line Tools for Data Engineering - Duke University**

[coursera/9HJTPVZA46WD](https://coursera.org/course/9HJTPVZA46WD)



### **Machine Learning Engineering for Production (MLOps) Specialization - DeepLearning.AI**

[coursera/AW4WTDAPQ7JV](https://coursera.org/course/AW4WTDAPQ7JV)



### **Introduction to Machine Learning in Production - DeepLearning.AI**

[coursera/A7GEHQJH668Q](https://coursera.org/course/A7GEHQJH668Q)



### **Machine Learning Data Lifecycle in Production - DeepLearning.AI**

[coursera/TT2JPK5ULYCE](https://coursera.org/course/TT2JPK5ULYCE)



### **Machine Learning Modeling Pipelines in Production - DeepLearning.AI**

[coursera/J9KQ86367UXR](https://coursera.org/course/J9KQ86367UXR)



### **Deploying Machine Learning Models in Production - DeepLearning.AI**

[coursera/2FGMWPPWHNZU](https://coursera.org/course/2FGMWPPWHNZU)




### **Machine Learning on Google Cloud Specialization - Google**

[coursera.org/9RDRFZ6NN4GG](https://coursera.org/9RDRFZ6NN4GG)

 **How Google does Machine Learning** - Google  
[coursera/3GYZW9NSLZ45](https://coursera/3GYZW9NSLZ45)

 **Launching into Machine Learning** - Google  
[coursera/7W64LQDH5ADX](https://coursera/7W64LQDH5ADX)


 **TensorFlow on Google Cloud** - Google  
[coursera/GWP4M9M9KT3C](https://coursera/GWP4M9M9KT3C)

 **Feature Engineering** - Google  
[coursera/32Q2J38572WT](https://coursera/32Q2J38572WT)

 **Machine Learning in the Enterprise** - Google  
[coursera/WAGJN36DM5YS](https://coursera/WAGJN36DM5YS)

 **Advanced Machine Learning on Google Cloud Specialization** - Google  
[coursera/VVQYBUFWMZ6J](https://coursera/VVQYBUFWMZ6J)

 **End- to- End Machine Learning with TensorFlow on GCP** - Google  
[coursera/AER3CTABTPEH](https://coursera/AER3CTABTPEH)

 **Production Machine Learning Systems** - Google  
[coursera/AUDL2NNP4G58](https://coursera/AUDL2NNP4G58)

 **Computer Vision Fundamentals with Google Cloud** - Google  
[coursera/G6NQG9Q3GHKX](https://coursera/G6NQG9Q3GHKX)

 **Sequence Models for Time Series and Natural Language Processing** - Google  
[coursera/QFV29AEW76VA](https://coursera/QFV29AEW76VA)

 **Recommendation Systems with TensorFlow on GCP** - Google  
[coursera/TW87QRPJXB98](https://coursera/TW87QRPJXB98)

 **Google Cloud Big Data and Machine Learning Fundamentals** - Google  
[coursera/EKGB7LUULWKJ](https://coursera/EKGB7LUULWKJ)

 **Transfer Learning for NLP with TensorFlow Hub** - Coursera  
[coursera.org/G5YSN3QAABDQ](https://coursera.org/G5YSN3QAABDQ)



### **Guided Tour of Machine Learning in Finance - New York University**

[coursera.org/KYZDZ9H2QFCG](https://coursera.org/KYZDZ9H2QFCG)



### **Fundamentals of Machine Learning in Finance - New York University**

[coursera.org/WYVH499AYDZV](https://coursera.org/WYVH499AYDZV)



### **A Complete Reinforcement Learning System (Capstone) - University of Alberta**

[coursera.org/45N7HQ3ZAHQL](https://coursera.org/45N7HQ3ZAHQL)



### **Sample- based Learning Methods - Reinforcement Learning - University of Alberta**

[coursera.org/9AZCYCPX9JFA](https://coursera.org/9AZCYCPX9JFA)



### **Prediction and Control with Function Approximation - Reinforcement Learning -**

University of Alberta

[coursera.org/EPGPAE5ELGS8](https://coursera.org/EPGPAE5ELGS8)



### **Fundamentals of Reinforcement Learning - University of Alberta**

[coursera.org/8ACR75ZXFV5C](https://coursera.org/8ACR75ZXFV5C)



### **Reinforcement Learning Specialization - University of Alberta**

[coursera.org/GA3MN2F42M56](https://coursera.org/GA3MN2F42M56)



### **Overview of Advanced Methods of Reinforcement Learning in Finance - New**

York University

[coursera.org/KXUDARC87PAL](https://coursera.org/KXUDARC87PAL)



### **Reinforcement Learning in Finance - New York University**

[coursera.org/4XN9PN5WE3KY](https://coursera.org/4XN9PN5WE3KY)

## **Skills**

Business Planning • Go-to-Market Strategy • AI Solutions • Trading Strategies • Contact Center Technology • RLHF • Prompt Engineering • Large Language Models (LLM) • RAG • Marketing