

## Web Design and Development

1. Front-End Web Development with React - The Hong Kong University of Science and Technology: [link](#)
2. Responsive Website Tutorial and Examples – University of London: [link](#)
3. Web Application Development with JavaScript and MongoDB - University of London: [link](#)
4. Introduction to Meteor.js Development - University of London: [link](#)
5. Responsive Web Design – University of London: [link](#)
6. Web Design for Everybody: Basics of Web Development & Coding – University of Michigan: [link](#)
  1. Introduction to HTML5
  2. Introduction to CSS3
  3. Interactivity with JavaScript
  4. Advanced Styling with Responsive Design
  5. Web Design for Everybody Capstone: Portfolio and Sketch Demo
7. Programming Foundations with JavaScript, HTML and CSS - Duke University: [link](#)

## Deep Learning and Artificial Intelligence

### 8. TensorFlow in Practice Specialization- Deeplearning.ai: [link](#)

- Best practices for TensorFlow, a popular open-source machine learning framework to train a neural network for a computer vision applications.
- Handle real-world image data and explore strategies to prevent overfitting, including augmentation and dropout.
- Build natural language processing systems using TensorFlow.
- Apply RNNs, GRUs, and LSTMs as you train them using text repositories.

1. Introduction to TensorFlow for Artificial Intelligence, Machine Learning, and Deep Learning

2. Convolutional Neural Networks in TensorFlow

3. Natural Language Processing in TensorFlow

4. Sequences, Time Series and Prediction

### 9. Deep Learning Specialization – Deeplearning.ai: [link](#)

1. Neural Networks and Deep Learning- Cat vs non-cat classifier

2. Improving Deep Neural Networks: Hyperparameter tuning, Regularization and Optimization – Deep Neural Network to recognize numbers from 0 to 5 in sign language

3. Structuring Machine Learning Projects – Case studies on Bird Recognition and Autonomous Driving

- 4. Convolutional Neural Networks – Car Detection with YOLO, Art generation with Neural Style Transfer, Face Recognition
- 5. Structural Models – RNNs, LSTM that generates jazz music, generating dinosaur names

**10. AI For Everyone - deeplearning.ai: [link](#)**

## UI/UX

### 11. User Experience Research and Design Specialization – University of Michigan: [link](#)

1. Introduction to User Experience Principles and Processes: Sketching 20  
Alternative control interfaces for an elevator, Heuristic Evaluation of Coursera  
Discussion Board
2. Understanding User Needs: User Needs Assessment of Instagram, Interview  
Protocol, Data Extraction, and Affinity Wall
3. Evaluating Designs with Users: User Test for Hipmunk – Task Design and Test  
Report
4. UX Design: From Concept to Prototype – Productivity Management App for  
Startups- Startup Starter: Sketches, Personas, Scenarios, Mapping Inputs and  
Outputs, Wireframes with Balsamiq Mockups, Paper Prototype with Usability  
Test, Prototype with Adobe XD, Final Usability Test
5. UX Research at Scale: Surveys, Analytics, Online Testing – Survey to assess  
effectiveness of Peer-Graded Assessments of Coursera, Analysing Website Data,  
Preference Test of Hipmunk
6. UX (User Experience) Capstone

### 12. Introduction to UI Design - University of Minnesota - [link](#)

### 13. Introduction to User Experience Design - Georgia Institute of Technology: [link](#)

## Python

### 14. Python 3 Programming- University of Michigan: [link](#)

1. Python Basics
2. Python Functions, Files, and Dictionaries
3. Data Collection and Processing with Python
4. Python Classes and Inheritance
5. Python Project: pillow, tesseract, and opencv

### 15. Introduction to Scripting in Python – Rice University: [link](#)

1. Python Programming Essentials
2. Python Data Representations
3. Python Data Analysis: Analyzing Baseball Data
4. Python Data Visualization: Plotting GDP Data on a World Map

### 16. Python for Everybody – University of Michigan: [link](#)

1. Programming for Everybody (Getting Started with Python)
2. Python Data Structures
3. Using Python to Access Web Data
4. Using Databases with Python
5. Capstone: Retrieving, Processing, and Visualizing Data with Python – Page Rank, Email Data, Word cloud

## Blockchain

17. Introduction to Blockchain Technologies – INSEAD: [link](#)

## Data Science

18. Introduction to Data Science in Python - University of Michigan - [link](#)

19. Applied Text Mining in Python - University of Michigan – Sentiment Analysis, Semantic Text Similarity - [link](#)

20. Managing Data Analysis - Johns Hopkins University: [link](#)

21. Framework for Data Collection and Analysis - University of Maryland, College Park: [link](#)

22. A Crash Course in Data Science - Johns Hopkins University: [link](#)

23. R Programming - Johns Hopkins University: [link](#)

## Psychology

- 24. Introduction to Psychology – Yale University: [link](#)
- 25. Introduction to Psychology - University of Toronto
- 26. Schizophrenia - Wesleyan University: [link](#)
- 27. Children's Human Rights - An Interdisciplinary Introduction - by University of Geneva: [link](#)
- 28. Understanding Memory: Explaining the Psychology of Memory through Movies - Wesleyan University: [link](#)
- 29. Psychological First Aid - Johns Hopkins University: [link](#)
- 30. Emotions: a Philosophical Introduction - Universitat Autònoma de Barcelona: [link](#)
- 31. Dog Emotion and Cognition - Duke University: [link](#)
- 32. Psychology of Popularity - The University of North Carolina at Chapel Hill: [link](#)
- 33. Positive Psychology - The University of North Carolina at Chapel Hill: [link](#)
- 34. Psychology at Work - University of Western Australia: [link](#)

## Software Engineering

35. Requirements Gathering for Secure Software Development - University of Colorado System: [link](#)

36. Mindware: Critical Thinking for the Information Age - University of Michigan: [link](#)

37. Customer-Centric IT Strategy - University of Virginia: [link](#)

38. Software Design as an Element of the Software Development Lifecycle - University of Colorado System: [link](#)

## Search Engine Optimization

39. Introduction to Search Engine Optimization - University of California, Davis - [link](#)

40. Optimizing a Website for Search - University of California, Davis: Local SEO Site Audit of Sangeet Sadhana: Music Lessons - [link](#)

## Business Analysis

41. Customer Analytics – University of Pennsylvania, Wharton: Descriptive, Predictive. Prescriptive Analytics - [link](#)

42. Operations Analytics – University of Pennsylvania, Wharton: Forecasting, Risk, Decision Tree - [link](#)

43. People Analytics - University of Pennsylvania, Wharton: Performance Evaluation, Staffing, Collaboration, Talent Management - [link](#)



44. Accounting Analytics - University of Pennsylvania, Wharton: Earnings Management, Big Data and Prediction Models, Linking Non-financial Metrics to Financial Performance - [link](#)

45. Foundations of marketing analytics - ESSEC Business School: [link](#)

## Business Management

46. An Introduction to Consumer Neuroscience & Neuromarketing - Copenhagen Business School: [link](#)

47. Digital Product Management: Modern Fundamentals - Digital Product Management: Modern Fundamentals: [link](#)

48. International Business I - University of New Mexico: [link](#)

49. Fundamentals of Management - University of California, Irvine: [link](#)

50. Introduction to Financial Markets - Indian School of Business: [link](#)

51. Leadership and Emotional Intelligence - Indian School of Business: [link](#)

52. Business Strategies for Social Impact - University of Pennsylvania: [link](#)

53. Leadership Through Social Influence - Northwestern University: [link](#)

## Personal Development

54. Sit Less, Get Active - The University of Edinburgh: [link](#)

55. Leading the Life You Want - University of Pennsylvania: [link](#)

56. Meditation: A way to achieve your goals in your life - Korea Advanced Institute of Science and Technology (KAIST): [link](#)

57. Philosophy and the Sciences: Introduction to the Philosophy of Physical Sciences - The University of Edinburgh: [link](#)

58. Intellectual Humility: Practice - The University of Edinburgh: [link](#)

59. Introduction to Personal Branding - University of Virginia: [link](#)

60. Effective Problem-Solving and Decision-Making - University of California, Irvine: [link](#)

61. Viral Marketing and How to Craft Contagious Content - University of Pennsylvania: [link](#)