

## XingSong Lin

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**Objective:** Seeking for job opportunity as software engineer.

### Education:

Queens College of the City University of New York, Flushing NY.

Bachelor of Science, Dec 2017

Major: B.S., Computer Science

### Project:

- Data Analysis:
  - Denormalizing the data using T-SQL after import the table from excel to MS SQL server, creating the third normal form graph, exporting data to excel and using PowerPivot to do data analysis.
  - <https://github.com/linxingsong/data-analysis>
- Deep Learning project:
  - Building and improving Deep Neural Network, convolutional Neural Network, Detection Algorithm, face recognition, neural style transfer, Sequence models, Natural Language Processing, word embedding, attention mechanism.
  - Using Python, bumpy, matplotlib, Keras, tensorflow, pandas

### Technical Skill:

**Programing Language:** Java, C++, Python, Javascript, HTML, CSS, SQL

**Database System:** MySQL, Oracle Database 11g, MongoDB, MS SQL Server, Java Database Connectivity, JDBC

**Operating System:** Window, Linux, Mac

**Other:** Git, Eclipse, Microsoft Office, PowerPivot, Xcode, Bootstrap4, jQuery

### Courses complete with coursework and projects:

- C++ & Java Programming & Data Structures & Algorithms
  - Structure: 1D/2D Array, LinkedList, tree, heap, stack, queue
  - Algorithms related to Bucket Sort, Heap Sort, Heap Sort, InsertionSort, Huffman Coding, graph Coloring and so on.
  - <https://github.com/linxingsong/data-structure/>
- Database Management Systems
  - Using Oracle Database 11g to create some 3 normal form databases.
  - Using query to get data from database base on the question.
- Image Processing, Natural Language Processing, Internet Security.
  - use 2D array on image process. Find connect component, draw the boundary of the image, edge and Line detection, object Decomposition, Morphology.
  - <https://github.com/linxingsong/image-Process>
- Machine Learning by Stanford University on Coursera. Certificate earned on August 26, 2017
- Deep Learning, a 5-course specialization by deeplearning.ai on Coursera. Specialization Certificate earned on February 11, 2018