

Qi Xu

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EDUCATION

New York Institute of Technology

M.S. in Computer Science (GPA: 3.86 / 4.0)

Courses: Database Systems, Algorithm Concepts, Programming Languages, Computer Architecture

Feb. 2015 ~ Dec.2017

New York

Dalian Neusoft University of Information

B.S. in Information Management and Information System

Sep. 2009 ~ Jun. 2013

DaLian, China

SKILLS

Programming Languages: Java, Sql, C++, Python, HTML, CSS, JavaScript

Techniques & tools: Eclipse, IntelliJ, PyCharm, MySQL, Hadoop, Docker, Android Studio

PROJECTS

"Holt Distributor" System

Spring 2017

<https://github.com/jackalQi/HolyDistributors>

- Created a 3NF database includes customer, vendor, sales represent and territory.
- Implemented the panel by using Java GUI.
- Implemented a user login system by a HashMap.
- Created two classes to control all data read and write from/to MySQL.
- Used button action listener to implement data add/edit/delete.
- Implemented a shopping cart for user and generated orders automatically.
- Used algorithm and efficient query to reduce computation.

Tank Fight Game

Summer 2016

<https://github.com/jackalQi/TankFight>

- Used Java GUI, and Develop.
- Used java.awt.* and javax.swing.* to create the interface and paint tanks.
- Used java.awt.event.* and implements ActionListener and KeyListener to receive all actions.
- Used threads(implements Runnable) to make enemy tanks move like their own.
- Used database to store high score and different types of tanks.
- Responded for java code implement and java connect to MySQL.

Auto-Complete

Spring 2017

<https://github.com/jackalQi/Auto-Complete>

- Built a N-Gram model used MR and wiki database.
- Based on a probability distribution to built a Language model.
- Used JQuery, PHP, Ajax to read and write data from MySQL.
- Handled 50M data by Hadoop MapReduce.

Mini LinkedIn (android project)

Fall 2017

- Designed a resume edit App by Android Studio.
- Used SharedPreferences to store user data.
- Implemented object to string by using Gson.
- Implemented add, edit and delete education, experience and project functions.