

# Hanyu Xue

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🌐 <https://github.com/mupxq>

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Graduate student looking for full-time software engineer position. Willing to relocate.

## Experience

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- **University at Albany, State of New York** **Albany, NY**  
*Programmer,* *09/2015 - 12/2015*
  - Design the Data Integration system and transmit data from the database of KF5 system to database of ITM system.
  - Using MySql Database to transmit data and allows the kf5 database to transfer data multiple times to update the ITM database and keep both databases synchronized.
- **University at Albany, State of New York** **Albany, NY**  
*Programmer, Master Project* *09/2015 - 12/2015*
  - Design Integration of Heterogeneous Data system.
  - Build a function that converts one or more tables in the MySql database into a JSON file.
  - The heterogeneous data in the JSON file is stored in the database according to an administrator-configured xml file.
- **Movie Recommender System** *08/2016*  
*Programmer,*
  - In this project I will use Netflix data to recommend similar movies to their previous movies.
  - The co-occurrence matrix of the movie is obtained from the Netflix data, and the co-occurrence matrix and the score matrix are merged. The co-occurrence matrix of the movie is obtained by using the collaborative filtering algorithm based on the object. Get the list of recommendations.
  - In this project I will implement four Mapreduce Job connections to all the processes that implement the most important multiplication of the Map Reduce version matrix.

## Education

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- **University at Albany, State of New York** *09/2014-08/2016*  
*Master of Computer Science , GPA: 3.56/4.0*
- **Harbin University of Science and Technology** *09/2006-05/2010*  
*Bachelor of Software Engineering,*

## Technical and Personal skills

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- **Programming Languages:** Java,C , C++, Python, JavaScript,Node.js, MySQL, CSS, Html5
- **Languages Skills:** Native Mandarin.
- **Other:**Experience with Android development and web development.