

EDUCATION

- **The Ohio State University** Columbus, OH
Master of Science in Computer Science and Engineering; GPA: 3.625 Aug. 2016 – Present
 - **Courses Taken:** Advanced Algorithms(A), Operating Systems(A)
 - **Courses Taking:** Machine Learning, Data Mining, Data Visualization, Foundations of Programming Language
- **Renmin University of China** Beijing, China
Bachelor of Engineering in Computer Science; GPA: 3.45 Sept. 2012 – Jun. 2016

PROJECTS

- **Linear Models and SGD on Brain Image Data** Mar 2017
Machine Learning Project
 - Analyzed 3D brain images to predict whether a person is looking at a picture or a sentence. [source code](#)
 - Implemented SVM in python, using stochastic gradient descent for hinge loss and logistic loss
 - Obtained an accuracy of 85.29% on test set
- **k-NN Classifier Implementation and Application** Feb 2017
Data Mining Project
 - Implemented a k-NN classifier in R to predict peoples income. [source code](#)
 - Used dataset with 52 mixed types of attributes.
 - Obtained an accuracy of 87.9%, better than the off-the-shelf *kknn* classifier in R.
- **Lisp Interpreter** Feb 2017 - Mar 2017
Programming Language Project
 - Implemented a Lisp interpreter in Java. [source code](#)
 - Implemented the input, evaluation and output stage of Lisp on top of a recursive descent parser.
 - Support user-defined function evaluation.
- **A Critic and Redesign of Visualizations in A Network Framework of Cultural History** Mar 2017
Data Visualization
 - *A Network Framework of Cultural History* is an interesting paper published on *Science*.
 - Criticized data visualizations in the paper from the perspective of graphical semiology.
 - Redesigned some of the visualizations using D3.js. [source code](#)
- **Quora Question Pairs Challenge** In Progress
Kaggle Competition
 - To predict whether a provided pair of questions contain two questions with the same meaning.
 - Exploring NLP techniques to apply to this problem.

EMPLOYMENTS

- **Qunar.com** Beijing, China
Data Analyst Intern Apr 15 - Aug 15
 - Analyzed data of hotel transactions, to access sales performance and to help make appropriate policies.
 - Extracted raw data in Hive with SQL.
 - Analyzed and visualized data with R, and wrote weekly and monthly data analysis report.

PROGRAMMING SKILLS

- **Languages:** Java, C, Python, Javascript
- **Data Analysis:** R, D3.js
- **Web:** Bootstrap, jQuery, Node JS
- **Operating Systems:** Linux, Windows, Mac OSX
- **Databases:** MySQL, PostgreSQL