

# MINMIN JIN

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## OBJECTIVE

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A full-time software-development position, preferably related to data or web applications.

## EDUCATION

September 2014 - May 2015	<b>Cornell University</b> Master of Engineering, ECE <ul style="list-style-type: none"><li>■ Coursework: Machine Learning, Introduction to Artificial Intelligence, Computer Vision</li><li>■ GPA: 3.45 / 4.00</li></ul>	Ithaca, NY
September 2010 - July 2014	<b>Fudan University</b> Bachelor of Science, Electronic Engineering <ul style="list-style-type: none"><li>■ University-level Outstanding Graduate</li><li>■ GPA: 3.46 / 4.00</li></ul>	Shanghai

## PROJECTS

### Big Data Application of Stock Price Forecasting

- Applied Support Vector Machine (SVM) to predict the direction of daily stock price change based on the S&P500 index. Best accuracy attained so far is 81.88%
- Optimized feature selection with Genetic Algorithm and achieved similar result with fewer features and thus less computation complexity
- Compared SVM training tools e.g. SVMlight, LIBSVM, and SPSS

### Sentiment Analysis on Movie Reviews

- Led a team to implement Naive Bayes and SVM to classify movie reviews into five sentiments: negative, somewhat negative, neutral, somewhat positive, positive
- Improved the performance by applying different configurations, such as N-gram, word frequency threshold, word stem and etc.
- Trained multiple SVMs based on the length of the training sentence or phrase length and enhanced the accuracy from 61% to 63%

### A Tongue Diagnosis Application on Android Platform

- Involved in developing the mobile application of taking a tongue photo and giving diagnosis
- Tested the application of taking tongue photos under different illumination and angles

## EXPERIENCE

October 2013 - February 2014	<b>Data Analysis Intern, Healthcare Department, Siemens Ltd.</b> <ul style="list-style-type: none"><li>■ Automated the process of matching items from over 20,000 Excel pieces with Perl</li><li>■ Translated technical reports related to medical devices</li><li>■ Collected and analyzed information about medical device industry</li></ul>	Shanghai
February 2013 - April 2014	<b>Research Assistant, Circuit Theory and Application Lab, Fudan University</b> <ul style="list-style-type: none"><li>■ Cooperated with students to conduct research in image processing and control systems</li><li>■ Participated in courseware making such as Modern Electronics Laboratory</li><li>■ Co-authored two papers in IEEE International Conference</li></ul>	Shanghai

## Additional

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- Skills: Java, Python, HTML, CSS, JavaScript and Latex
  - China's 2nd prize in 2013 National Undergraduate Electronic Design Contest
  - Interests: Japanese (JLPT-N2), jogging, drawing and photography