MINMIN JIN

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EDUCATION

September 2014 - May 2015	**Cornell University** Ithaca, NY

Master of Engineering, ECE
- Coursework: Machine Learning, Introduction to Artificial Intelligence, Computer Vision
- GPA: 3.45 / 4.00

September 2010 - July 2014 — **Fudan University**   Shanghai

Bachelor of Science, Electronic Engineering
- University-level Outstanding Graduate
- GPA: 3.46 / 4.00

PROJECTS

November 2014 — **Big Data Application of Stock Price Forecasting**   Ithaca, NY
- 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

November 2014 — **Sentiment Analysis on Movie Reviews**   Ithaca, NY
- Led a team to implement Naive Bayes and SVM to classify movie reviews into five sentiments: negative, somewhat negative, neutral, somewhat positive, positive
- Achieved an accuracy of 64.5% with a baseline of 52% 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 of 2%

April 2013 — **A Tongue Diagnosis Application on Android Platform**   Shanghai
- 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
- Published a conference paper based on the project

EXPERIENCE

October 2013 - February 2014 — Data Analysis Intern   Shanghai
Healthcare Department, Siemens Ltd.
- Improved working efficiency by writing small programs to solve tasks
- Translated technical reports related to medical devices
- Collected and analyzed information about medical device industry

February 2013 - April 2014 — Research Assistant   Shanghai
Circuit Theory and Application Lab, Fudan University
- Cooperated with students to conduct research in image processing and control systems
- Contributed to courseware making such as Modern Electronics Laboratory
- Co-authored two papers in IEEE International Conference

ADDITIONAL

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