Bingjie Jiang

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EDUCATION		
	University of Illinois at Urbana-Champaign, Urbana, United States	Expected: Jun 2018
	Master of Science	
	• Cumulative GPA: 4.0 / 4.0	
	Nanjing University, Nanjing, China	Sep 2012 – Jul 2016
	Bachelor of Engineering, Computer Software Engineering	
	• Cumulative GPA: 4.47 / 5.00, Major GPA: 4.49/5.00	
	• Rank: 3 / 184	

WORK EXPERIENCE

Summer Intern   Jul 2015 – Sep 2015
Morgan Stanley Technology & Data, Shanghai, China
Triclear log search system
- Processed log messages with stream editor tool sed and format them into JSON objects (with LogStash).
- Used ElasticSearch to index the logs and provide log search api to user interface.
- Analyzed and optimized space usage of indices.

RESEARCH EXPERIENCE

Research Assistant   Aug 2016 – Oct 2016
Data and Information System Research Lab, University of Illinois at Urbana-Champaign
Social network analysis
- Developing algorithms to model information diffusion in social network.

Orpheus DB
- Developing OrpheusDB which supports versioning capabilities of cloning, checkout, diff, and merge on relational database based on Postgresql.

Research Assistant   Oct 2014 – Sep 2015
State Key Laboratory, Nanjing University , Nanjing , China
Automatic Scribble Simulation for Interactive Image Segmentation Evaluation
- Clustered pixels into superpixel groups with simple linear iterative clustering algorithm .
- Generated automatic scribbles by application of calculated consistency rules(with Matlab).
- Evaluated segmentation algorithms with both manual and automatic scribbles by calculating precision and recall values of segmentation results.

SELECTED PROJECTS

Core developer   Mar 2015 – Jun 2015
Teaching Support System
- Used Spring+Struts+Hibernate framework for back-end development
- Developed UI with jsp + html + css + javascript and used MySql as the database.

Team leader   Jun 2014 – Sep 2014
Sales Analysis of Amazon
- Used Python to crawl sales data of certain goods within twelve months from Amazon open api.
- Predicted price of certain goods with Exponential Smoothing and achieved 95% accuracy.
- Studied the frequently bought combinations of goods by using Apriori algorithm.

Team leader   May 2014 – Jun 2014
Questions and Answer site
- Used Yii PHP Framework for front-end and back-end development
- Used php-based search engine(xunsearch) and greatly enhance the searching performance of website

SKILLS

JAVA, Python, PHP, Matlab, Objective-C, C/C++