

Xiaofeng Wang

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Objective	Software Engineer	
Education	M.S. in Software Engineering, WuHan University	2013.09-2016.07
	<ul style="list-style-type: none">• Concentrations on Machine Learning & Optimization Algorithms	
	B.S. in Computer Science & Technology, WuHan University	2009.09-2013.07
	<ul style="list-style-type: none">• Excellent Student Scholarship 2010& 2011& 2012(top 10%)	
Internship	Algorithm Engineer , Alibaba Inc, Hangzhou	2015.04-2015.06
	<ul style="list-style-type: none">• Query Recommendation for search drop down list, already on A/B Test• Query Analysis Model Investigation	
	Algorithm Engineer , Baidu Inc, Beijing	2014.07-2014.11
	<ul style="list-style-type: none">• Created a new searching strategy by mining ngram pattern from online query set (good Performance on A/B Test and improved CTR 2.1%)• Maintained Text Miner module and added pLSA model into it	
	Web Backend Engineer , Jiaming Inc, Wuhan	2012.09-2012.12
	<ul style="list-style-type: none">• Developed the information stream system and user management system• Maintain the web server and help design the Ajax interface	
Project	SUML , Machine Learning Library written in C++	2015
	<ul style="list-style-type: none">• Implemented SVM, Random Forest, GBDT, Logistic Regression and Back Propagation Neural Network and the multi-thread version of GBDT	
	HMMSEG , Chinese Word Segmentation Module written in C++	2014
	<ul style="list-style-type: none">• Stored the dictionary with Trie, and process the maximum match algorithm among the tree and then use HMM Model to choose the best one• Implemented the whole project and good performance on long text	
	QiShu , A Novel Searching Engine written in Python	2013
	<ul style="list-style-type: none">• Leveraged Django, MySQL, Bootstrap and Memcached• Designed and implemented Searching Engine ,Crawler Engine, Back-End logic and the Front-End page	
	GeBi , A Social Network Website written in Python	2012
	<ul style="list-style-type: none">• Leveraged Django, MySQL, Bootstrap and Memcached• Help designed and implemented the Back-End logic	
Publish	GPU-based Neural Network learning algorithm based on improved Differential Evolution with Elite Strategy	
Skills	Familiar with Python & C++ & Linux Shell, Map-Reduce, CUDA and SQL Familiar with basic data mining algorithm, and good sense of feature engineering Familiar with Data Structure & Multi-thread Programming & Network Programming	