

# Chaomin Yu

---

CONTACT INFORMATION	Email: ifcharming@gmail.com Phone: (+1)412-638-1760	439 S Graham Street Pittsburgh, PA 15232
OBJECTIVE	To obtain a <b>fulltime</b> job in computer Software Development Engineering starting from <b>Spring 2014</b> .	
INTERESTS	Big data system, distributed storage system, large scale database, machine learning.	
EDUCATION	<b>Master of Computer Science</b> specialized in Very Large Information Systems (MSIT-VLIS) <i>Parallel Data Lab, School of Computer Science Carnegie Mellon University, Pittsburgh, PA</i> <ul style="list-style-type: none"><li>• Advisor: Prof. Garth Gibson</li><li>• QPA: 3.88/4.0</li></ul>	08/2012–12/2013 (Expected)
	<b>Bachelor of Science</b> in Computer Science <i>Department of Computer Science, Peking University, Beijing, China</i> <ul style="list-style-type: none"><li>• GPA: 3.67/4.0      Ranking: 7/138</li></ul>	09/2008–06/2012
	<b>Dual Bachelor's Degree</b> in Economics <i>National School of Development, Peking University, Beijing, China</i>	09/2009–06/2012
PROJECTS	<b>IGrow</b> : Online Namenodes scaling tool on Federated Hadoop Distributed File System (HDFS). <b>LogAnalyzer</b> : HDFS log analyzer to get dynamic file access statistics. <b>CloudFS</b> : Hybrid SSD and cloud storage system with deduplication and cache. <b>PIGFLY</b> : Scalable graph mining algorithms implementation on Apache Pig. <b>Godocs</b> : Google docs implementation with PAXOS based storage system in Golang. <b>GPUSA</b> : Parallel Suffix Array Construction algorithm implementation on GPU. <b>AppTraffic</b> : Network traffic estimating system to Android applications.	
WORK EXPERIENCE	<b>Intern</b> at <i>Google Inc, Mountain View, CA</i> Topic: Build a tool to analyze load-imbalance issue in a core storage infrastructure.	06/2013–08/2013
	<b>Research Assistant</b> in <i>Par Lab, University of California Berkeley</i> Topic: Kernel porting and TLB/cache tests in a multicore data center simulator.	07/2011–08/2011
SKILLS	Skilled in C/C++, Java, Golang. Familiar with Python, Matlab, Android, Assembly, Bash Script, L <sup>A</sup> T <sub>E</sub> X.	
GRADUATE COURSES	Studio in Big Data Systems (I, II), Advanced Storage System, Distributed Systems Parallel Computer Architecture and Programming, Cloud Computing Machine Learning, Multimedia Database & Data Mining	
TEACHING EXPERIENCE	<b>Teaching Assistant</b> in <i>15319/15619 Cloud Computing, SCS, CMU</i> <b>Grader</b> in <i>10601 Machine Learning, instructor: Prof. Roni Rosenfeld, CMU</i> <b>Teaching Assistant</b> in <i>Practice of Programming in C&amp;C++, EECS, PKU</i>	08/2013–12/2013 01/2013–05/2013 02/2012–06/2012