

Cheol KANG

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Interest	Web, Programming Language, Information Visualization	
Education	Korea Advanced Institute of Science and Technology(KAIST) BS Student in Computer Science	2007 - Present
Experience	Team POPONG Seoul, South Korea Developing Pokr (All about politics in Korea) which aims to lists all politicians and bills in South Korea. The goal is to organize Korean political data and make it universally accessible, so that civil society can apply it to the problems they face, spending less time gathering and transforming data. Skills: Python, Flask, node.js, LESS(css), JavaScript, git, SQLAlchemy	Development Lead 2011 - Present
	Cyram Seoul, South Korea Implementing algorithms for social networks on top of MapReduce framework. Working as an alternative to military duty in Korea.	Research Engineer 2013 - Present
	Xinics Seoul, South Korea Developed web-based e-Learning services such as e-Portfolio. To fulfill military duty in Korea. <i>Skills</i> : PHP, HTML/CSS/JavaScript, MySQL	Web Developer 2011 - 2013
	Google Korea R&D Center Seoul, South Korea Worked on Google Maps Transit Navigation . <i>Skills</i> : Java, Android	Software Engineering Intern Summer 2010
	NexR Inc. Daejeon, South Korea Implemented recommendation system for 500k ⁺ users in MapReduce framework. <i>Skills</i> : Java, Hadoop MapReduce	Software Engineering Intern Summer 2009
Teaching Experience	Institute for IT-gifted Youth, KAIST Daejeon, South Korea Managed teaching assistants and developed teaching materials on computer science.	Head Teaching Assistant 2010
	Daejeon Institute of Education Information Daejeon, South Korea Coached regional representatives: taught algorithms, data structures and problem solving. - Students were awarded silver, bronze medals at the national contest.	Coach 2008 - 2009

Awards & Scholarship	Korea Open Source Software Project Competition	2008
	Bronze award: <i>KSearch</i> , a Korean Search Engine. <i>Skills</i> : Python, BerkeleyDB, PageRank	
	Korea Olympiad in Informatics (KOI)	2006
	Gold award in Problem Solving Division.	
	Presidential Scholar	2007 - 2010
	10,000,000 KRW (10,000 USD) per year, granted by National Research Foundation of Korea.	
Activities	Software Maestro Program, the Gov. of South Korea	2010
	Developed key-value storage and distributed lock manager. <i>Skills</i> : Java, concurrent programming	
	Manager of the CS Undergrad. Students Association, KAIST	2009, 2010
	Managed all financial responsibilities of the association.	
	President of Computer Club SPARCS, KAIST	2009
	Held a KAIST-ChungNam University Robocode contest, sponsored by IBM Korea. Raised financial sponsorships with NHN and NexR.	
Skills	Proficient in Python and JavaScript; can read/write Java, C	
	Familiar with web development using Flask and jQuery.	
	Has project experience in SQLAlchemy, PostgreSQL, Babel, LESS, Hadoop, gevent, AngularJS, Nginx, MongoDB and node.js	
	Enjoy vimming and happily use Git	