

Hyuk Jun Kweon

CONTACT INFORMATION	Hangaram Apt. 216-2002, Ichon 1-dong, Yongsan-gu, Seoul, South Korea	+82-10-9982-8055 kweon@mit.edu
EDUCATION	Massachusetts Institute of Technology , Cambridge, MA	
	Enrolled in Mathematics Ph.D. program Advisor: Bjorn Poonen	Started Sep. 2012
	Pohang University of Science and Technology , Pohang, South Korea	
	B.S. in Mathematics and in Computer Science and Engineering	Feb. 2012
	<ul style="list-style-type: none">• Double Major• Summa Cum Laude (GPA: 4.15/4.30)	
EXPERIENCE	Teaching Assistant	Mar. 2012 - Jun. 2012
	Department of Mathematics, Pohang University of Science and Technology	
	<ul style="list-style-type: none">• Courses: Mathematics II (MATH112, Undergraduate Differential Equations)• Graded quizzes, exams and homework• Taught recitation sessions	
	Undergraduate Teaching Assistant	Mar. 2011 - Jun. 2011
	Department of Mathematics, Pohang University of Science and Technology	
	<ul style="list-style-type: none">• Courses: Complex Variables (MATH310)• Graded quizzes and exams• Taught recitation sessions	
	Co-researcher	Mar. 2011 - Dec. 2011
	Geometric Algorithms Lab, Department of Computer Science and Engineering, Pohang University of Science and Technology	
	<ul style="list-style-type: none">• Advisor: Prof. Hee-Kap Ahn• Conducted research on approximation algorithms for finding a maximal overlap of two convex polyhedra under rigid motions.	
PUBLICATION	Ahn, H. K., Cheng, S. W., Kweon, H. J., & Yon, J. (2014). Overlap of convex polytopes under rigid motion. <i>Computational Geometry</i> , 47(1), 15-24.	
AWARDS AND HONORS	Scholarship for Doctoral Study, Samsung Foundation	Sep. 2012 - Current
	Scholarship, STX Foundation	Mar. 2011 - Feb. 2012
	Governmental Scholarship, Korea Student Aid Foundation	Mar. 2008 - Feb. 2012
	Fellowship with Top Honor (5 times), POSTECH	Mar. 2008 - Feb. 2012
	Silver Award, National Collegiate Mathematics Competition, the Korean Mathematical Society	Nov. 2010
	Five Golden Buttons, The Five-Gold-Button Math Competition, POSTECH	Sep. 2008
	6th Place, ACM-ICPC Asia Daejeon Regional Programming Contest	Nov. 2010
	4th Place, ACM-ICPC Asia Seoul Regional Programming Contest	Nov. 2009
	5th Place, ACM-ICPC Asia Seoul Regional Programming Contest	Nov. 2008
	Top Prize, Programming Contest, POSTECH, Pohang, Korea	May. 2009
ACTIVITIES	Member of MARCUS	Mar. 2008 - Feb. 2012
	<ul style="list-style-type: none">• MARCUS is the undergraduate math club in POSTECH, and it has one-hour weekly math seminars.	

Member of POSCAT

Apr. 2008 - Feb. 2012

- POSCAT is an academic club studying algorithms in POSTECH. We prepared for several programming contests, and developed artificial intelligence for annual AI competition between POSTECH and KAIST.

**TECHNICAL
SKILLS****Programming Languages**

- FORTRAN, C, C++, SML, OCaml, Coq

Mathematical Software

- Maple, Sage

Document Preparation System

- LaTeX