Hyuk Jun Kweon

| CONTACT INFORMATION | 70, Yuseong-daero 1689beon-gil, Yuseong-gu, Daejeon, Republic of Korea | +82-10-9982-8055 kweon@nims.re.kr |

EDUCATION	**Massachusetts Institute of Technology**, Cambridge, MA

	Enrolled in Mathematics Ph.D. program	Sep. 2012 - Aug. 2014
	Currently on leave due to compulsory military service	
	Advisor: Bjorn Poonen	

Pohang University of Science and Technology, Pohang, South Korea

	B.S. in Mathematics and in Computer Science and Engineering	Feb. 2012

- Double Major
- Summa Cum Laude (GPA: 4.15/4.30)

EXPERIENCE	**Technical Research Personnel**	Mar. 2015 - Current
	National Institute for Mathematical Sciences | South Korea	

- Alternative military service

	Undergraduate Teaching Assistant	Mar. 2011 - Jun. 2011
	Department of Mathematics, Pohang University of Science and Technology	

- 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

- 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. *Computational Geometry*, 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

- 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