

HANUL JEON

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NATIONALITY

Republic of Korea

EDUCATION

Seoul National University *March 2017 - February 2021 (expected)*
Masters' of Science *Advisor : Otto van Koert*
Department of Mathematical Science
Thesis: *Constructive Ackermann's interpretation*

Sunkyunkwan University *March 2013 - February 2017*
Bachelor of Science *GPA: 4.35/4.5 (Major GPA: 4.44/4.5)*
Department of Mathematics

EXPERIENCES

Republic of Korea Air Force *August 2017 - July 2019*
Compulsory military service.

PUBLICATIONS

Constructive Ackermann's interpretation. arXiv preprint. arXiv:2010.04270.

Comparison between the Wiener index and the Zagreb indices and the eccentric connectivity index for trees with Kinkar Ch. Das and N. Trinajstić. *Discrete Applied Mathematics* 171, 2014. p35-41.

TEACHING EXPERIENCES

Sublime Learning Community Tutoring. *Spring, Summer, Fall 2020*
Tutor. Mathematics and its practice (Spring 2020) and Mathematics for biological scientists (Summer 2020, Fall 2020).

Mathematics for ecologists. *Fall 2020*
Grader.

Advanced Mathematics and its practice II. *Fall 2020*
Teaching Assistant and Grader. I managed students' presentation.

Logic and Set theory. *Spring 2020*
Teaching Assistant and Grader. Evaluating assignments and exams, answering students' questions.

Mathematics and its practice II. *Fall 2019, Summer 2020, Winter 2020*
Teaching Assistant and Grader. I managed the exercise course whose content is equivalent to the Multivariable Calculus course.

Mathematics and its practice I. *Spring 2017, Spring 2020*
Teaching Assistant and Grader. I managed the exercise course whose content is equivalent to the usual Calculus course.

Sunkyun Tutoring for Advanced Algebra

Spring 2016

Sunkyun Tutoring is tutoring held by my undergraduate university. Students who get at least A grade of a course are eligible to be a tutor of this course. I had taught Chapters 4 and 5 (module theory and field theory) of Hungerford's *Algebra* during the tutoring.

GRANTS AND FELLOWSHIPS

The National Scholarship for Science and Engineering

March 2013 - December 2016

TALKS

Goodstein's theorem Seoul National University (October 2016). Madmatics.

What is forcing? Seoul National University (November 2015). Madmatics.

A Short introduction to mathematical logic Sogang University (January 2014). Madmatics.¹

¹also called *Stupid Mathematics seminar*. Its Korean name is *Meongcheong-han seminar*. ('Meongcheong-han' literally means 'stupid, foolish'.) Madmatics is an inter-university seminar for mathematics.