

# Hojune LEE

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## RESEARCH INTERESTS

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Algebraic Number Theory  
Class Field Theory

## PUBLICATIONS

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- [1] Hojune LEE, *A Complete Classification of Odd Composite Numbers Having More Than  $\varphi(n)/16$  Strong Liars in the Miller–Rabin Primality Test*, Submitted to *Journal of Number Theory* (Under Review).

## EDUCATION

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<b>Seoul National University</b> <i>B.S. in Mathematical Sciences</i>	<i>Mar 2023 – Present</i> GPA: 4.22/4.30
<b>Seoul Science High School</b> <i>Diploma</i>	<i>Mar 2020 – Feb 2023</i>

## HONORS AND AWARDS

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<b>Presidential Science Scholarship, Korea Student Aid Foundation</b>	<i>Mar 2023 – Present</i>
<b>Gold Prize, Korea Undergraduates Mathematics Competition</b>	<i>Dec 2024</i>
<b>Creative Talent Award, Seoul Science High School</b> <i>1st in Research Achievement among Graduates</i>	<i>Feb 2023</i>

## SELECTED ACTIVITIES

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<b>Silver Medalist, Renju Youth World Championship (U-25)</b> <i>Renju: variant of <math>m,n,k</math>-game</i>	<i>Nov 2024</i>
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## MILITARY SERVICE

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<b>Republic of Korea Air Force</b> <i>Meteorological Observing and Forecasting Specialist</i>	<i>Apr 2025 – Jan 2027</i>
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