

# Hojune LEE

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## RESEARCH INTERESTS

Algebraic Number Theory  
Class Field Theory

## PUBLICATIONS

[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

**Seoul National University**  
*B.S. in Mathematical Sciences*

*Mar 2023 – Present*  
GPA: 4.22/4.30

**Seoul Science High School**  
*Diploma*

*Mar 2020 – Feb 2023*

## HONORS AND AWARDS

**Presidential Science Scholarship, Korea Student Aid Foundation**

*Mar 2023 – Present*

**Gold Prize, Korea Undergraduates Mathematics Competition**

*Dec 2024*

**Creative Talent Award, Seoul Science High School**  
*1st in Research Achievement among Graduates*

*Feb 2023*

## SELECTED ACTIVITIES

**Silver Medalist, Renju Youth World Championship (U-25)**  
*Renju: variant of  $m,n,k$ -game*

*Nov 2024*

## MILITARY SERVICE

**Republic of Korea Air Force**  
*Meteorological Observing and Forecasting Specialist*

*Apr 2025 – Jan 2027*