

# Junseong Park

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## EDUCATION

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| Mar. 2019 ~<br>Aug. 2022 | <b>Korea Advanced Institute of Science and Technology</b><br>Department of Mathematical Sciences<br><i>Advisor: Bo-Hae Im</i><br><i>B.S. in Mathematical Sciences</i><br>GPA: 3.83 / 4.3<br><i>Cum Laude</i> | Daejeon,<br>Korea |
| Aug. 2022 ~<br>Present   | <b>Korea Advanced Institute of Science and Technology</b><br>Department of Mathematical Sciences<br><i>Advisor: Yong Jung Kim</i><br><i>Ph.D. Student</i>  | Daejeon,<br>Korea |

## RESEARCH INTERESTS

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- Nonlinear partial differential equation
- Diffusion equation
- Computational analysis
- Mathematical model
- Stochastic partial differential equation

## TEACHING EXPERIENCE

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### Teaching Assistant

- MAS102 Calculus II (23F, Vice-head TA)
- MAS101 Calculus 1, MAS241 Analysis 1 (23S)
- MAS102 Calculus II (22F)

### Tutoring

- MAS101 Calculus 1 (23S)
- MAS102 Calculus II (22F)

## RESEARCH EXPERIENCES

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- Researcher at Mathematical Sciences, KAIST, Korea (Feb. 2023 ~ Present) / Researcher of Diffusion Lab

- Research Student at Mathematical Sciences, KAIST, Korea (Dec. 2021 ~ Feb. 2022) / Individual Study

## AWARDS AND HONORS

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- Best TA Award (Calculus 1), KAIST, Korea (Mar. 2023)
- Bronze Prize, Korean Undergraduate Mathematics Competition , Korean Mathematical Society, Korea (Dec. 2021)
- National Scholarship, KOSAF, Korea (Feb. 2019 ~ Aug. 2022)

## SKILLS AND TECHNIQUES

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- Programming Skills: **MATLAB**(Intermediate), **Python**(Basic)
- Language: **Korean**(Native), **English**(Fluent, TOEIC: 910)