Seoha Lee

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Education Background

2015-2019 **Undergraduate**, GPA: 3.98/4.5, Mathematics Education, Daegu University, Gyeongsan-si, Korea.

2020-2021 **Graduate**, GPA: 4.2/4.5, Mathematics, Pusan National University Graduate School, Busan, Korea.

Research Interests

- **Machine Learning**
- **Optimization**
- **Non-convex Optimization**

Certification

- Teacher's License Certification, Korea, 2019
- KMS(Korean Mathematical Society), Regular Member, 2020-2022

Research Experiences

2020.03-
2022.02
Student Researcher, Department of Science, ICT and Future Planning, Department of Mathematics, under supervision of prof. Sang-il Kim.

- **Big Data-based Finance, Fisheries, and Manufacturing Innovation Industrial Mathematics Center**

2020.03-
2022.02
Student Researcher, Pusan National Univ, Matrix Lab, under supervision of prof. Hyun-min Kim.

- **Matrix Lab Seminar**

2020.09-
2020.12
Student Researcher, Department of Science, ICT and Future Planning, Department of Information and Computer Engineering, under supervision of prof. Geun-hyeok Yeom.

- **2020 SW Centerd University (Pusan National University)**

2021.09-
2022.02
Student Researcher, Department of Science, ICT and Future Planning, Department of Mathematics, under supervision of prof. Dong-hee Lee.

- **Center for Nurturing Mathematical Science Talents**

2021.04-
2022.02
Student Researcher, Pusan National University, Graduate students in PNU.

- **AJIA Seminar**

Teaching Experiences

2018.05	**Student Teacher**, Teaching Practice, Hakseong Girls Middle school, Ulsan, Korea.
2020.03-2020.07	**Teaching Assistant**, Linear Algebra, Pusan National University, Busan, Korea.
2021.09-2021.12	**Teaching Assistant**, Calculus II, Pusan National University, Busan, Korea.
October 8th, 2021	**Invited Lecturer**, Applied Matehmatices, Daegu University, Gyeongsan-si, Korea.

Experiences

- Dublin City University Language School, certificated, Dublin, Ireland, July 2018
- HELP ENGLISH Language Program, Inc. certificated, Baguio, Philippines, April-September, 2019
- Industrial Mathematics Problem Solving Workshop in the first half of 2020, Participant, Busan, Korea, August 05-07, 2020
- 2021 Symposium for AI and University-Level Mathemajtics, Participant, Virtual Symposium, Korea, September 30, 2021
- KSIAM 2020 Annual Conference Korean Society for Industrial and Applied Mathematics, Participant, Gangneung, Korea, November 12-15, 2021
- KSIAM 2021 Spring Conference Korean Society for Industrial and Applied Mathematics, Participant, Gangneung, Korea, June 25-27, 2021

Languages

- **English : TOEFL**
  Exam: 83/120 (Reading:20, Listening:21, Speaking:22, Writing:20)

Interests

- **Hobby**
  Learning Chinese, Pilates, Work Out, Travel