

# Curriculum Vitae

Seokbin Lee

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## Contact Information

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## Personal Details

- Date of Birth: September 7, 1998
- Citizenship: Republic of Korea

## Education

- **Korea Advanced Institute of Science and Technology (KAIST)**, B.S. in Computer Science and Mathematical Sciences (dual major), March 2016 - February 2020
- **Georgia Institute of Technology**, Ph.D. in Algorithms, Combinatorics, and Optimization (ACO), August 2020 - Current

## Research

- KAIST, Individual Undergraduate Research
  - **Grassmannian as Continuous Abstract Data Type with Computable Semantics**, with Donghyun Lim, Sewon Park, and Martin Ziegler, August 2019 - expected December 2019

- **The Grassmannian in 3D as Continuous Abstract Data Type**, with Martin Ziegler, March 2019 - July 2019
- **Joining Functions in Exact Real Computation**, with Sewon Park and Martin Ziegler, December 2018 - February 2019

## Presentations

- **Grassmannian as Continuous Abstract Data Type with Computable Semantics**, *Korean Mathematical Society 2020*, July 2020
- **Grassmannian as Continuous Abstract Data Type with Computable Semantics**, *Korea Software Congress 2019*, KAIST, December 2019
- **Grassmannian as Continuous Abstract Data Type with Computable Semantics**, *Korea-Japan Joint Workshop on Algorithms and Computation 2019*, KAIST, October 2019
- **Joining Functions in Exact Real Computation**, *Asian Association of Algorithms and Computation 2019*, Yonsei University, May 2019

## Teaching

- Georgia Tech
  - **Teaching Assistant**, *Introduction to Linear Algebra*, Fall 2020
- KAIST
  - **Full-Time Teaching Assistant**, *Introduction to Programming*, Spring 2020
  - **Part-Time Teaching Assistant**, *Introduction to Programming*, Fall 2019

## Awards and Other Experiences

- **Best Paper Award, 1st Place Prize**, KAIST School of Humanities and Social Sciences, on *The Problems with the Ultimate Argument*, September 2019
- **Undergraduate Exchange Student**, Hong Kong University of Science and Technology, June 2019 - August 2019
- **Invited Participant**, *Fall Workshop on Algorithms and Computation 2018*, Seoul National University, November 2018
- **Undergraduate Exchange Student**, Rice University, January 2018 - August 2018

- **Invited Participant**, *Algorithmic Problem Solving Competition 2017*, KAIST, May 2017