

Jaemin Hong

Current Position

Integrated MS & Ph.D. Student, School of Computing, KAIST

Personal Information

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Education

- **Ph.D. in Computer Science** (March 2020–Present)
KAIST, South Korea
- **Exchange Student** (February 2019–July 2019)
EPFL, Switzerland
- **B.S. in Computer Science** (March 2016–February 2020)
KAIST, South Korea
Minor in Mathematics
Cumulative GPA: 4.17/4.3

Publications

International Conferences

1. **Polymorphic Symmetric Multiple Dispatch with Variance**
Gyunghee Park, Jaemin Hong, Guy L. Steele Jr., and Sukyoung Ryu
Proceedings of the 46th ACM SIGPLAN Symposium on Principles of Programming Languages (POPL), January 2019
<https://doi.org/10.1145/3290324>
2. **Path Dependent Types with Path-Equality**
Jaemin Hong, Jihyeok Park, and Sukyoung Ryu
Proceedings of the 9th ACM SIGPLAN Symposium on Scala, September 2018
<https://doi.org/10.1145/3241653.3241657>

Domestic Conferences

1. **System F_{π} : System $F_{<}$ with Pattern-Based Refined Types**
Jaemin Hong and Sukyoung Ryu
KIISE Korea Software Congress (KSC) 2018, December 2018
<https://www.dbpia.co.kr/Article/NODE07614231>
2. **Formalization of Path Dependent Types with Path-Equality**
Jaemin Hong and Sukyoung Ryu
KIISE Korea Computer Congress (KCC) 2018, June 2018
<https://www.dbpia.co.kr/Article/NODE07503571>

3. **Formalization of the Static Semantics of Object-Oriented Languages with Variance via Type Context**

Jaemin Hong and Sukyoung Ryu

KIISE Korea Software Congress (KSC) 2017, December 2017

<https://www.dbpia.co.kr/Article/NODE07322844>

Domestic Journals

1. **Symmetric Multiple Dispatch for Expressive Object-Oriented Languages**

Jaemin Hong and Sukyoung Ryu

Communications of the Korean Institute of Information Scientists and Engineers, 37(3), 13-19, March 2019

<https://www.dbpia.co.kr/Article/NODE07626161>

Awards

Student Research Competitions

1. **Second Prize**

Path Dependent Types with Path-Equality

The 16th Asian Symposium on Programming Languages and Systems (APLAS), December 2018

2. **Best Paper Award**

Formalization of Path Dependent Types with Path-Equality

KIISE Korea Computer Congress (KCC) 2018, July 2018

3. **Best Paper Award**

Formalization of the Static Semantics of Object-Oriented Languages with Variance via Type Context

KIISE Korea Software Congress (KSC) 2017, February 2018

Academic Excellence

1. **President's Award**

KAIST, August 2020

2. **Summa Cum Laude Computer Science**

KAIST, February 2020

3. **Dean's List (Fall Semester 2018)**

KAIST College of Engineering, April 2019

4. **Dean's List (Spring Semester 2018)**

KAIST College of Engineering, October 2018

5. **Dean's List (Fall Semester 2017)**

KAIST College of Engineering, April 2018

6. **Dean's List (Spring Semester 2017)**

KAIST College of Engineering, September 2017

7. **Dean's List (Fall Semester 2016)**

KAIST School of the Freshman, February 2017

Teaching

1. **Best TA Award (Fall Semester 2020)**

KAIST School of Computing, February 2021

2. **Best TA Award (Spring Semester 2020)**

KAIST School of Computing, August 2020

Activities

Student Volunteers

1. **ICFP 2021**
Student volunteer co-chair
August 2021
2. **POPL 2021**
January 2021
3. **SPLASH 2020**
November 2020
4. **ICFP 2020**
Student volunteer co-chair
August 2020
5. **ECOOP 2019**
July 2019

Teaching Assistants

1. **CS320 Programming Languages**
KAIST, Spring 2021
2. **CS320 Programming Languages**
KAIST, Fall 2020
3. **CS320 Programming Languages**
KAIST, Spring 2020
4. **CS496 Seminar<Immersion Camp: Intensive Programming and Startup>**
KAIST, Winter 2019
5. **CS496 Seminar<Immersion Camp: Intensive Programming and Startup>**
KAIST, Summer 2019
6. **CS496 Seminar<Startup and Programming Camp>**
KAIST, Winter 2018
7. **CS320 Programming Languages**
KAIST, Fall 2018
8. **CS496 Seminar<Entrepreneurship and Immersive Programming Camp>**
KAIST, Summer 2018
9. **CS496 Seminar<Entrepreneurship and Immersive Programming Camp>**
KAIST, Winter 2017
10. **CS496 Seminar<Entrepreneurship and Immersive Programming Camp>**
KAIST, Summer 2017