

# JUNSOO HA

15-16, Majo-ro, Seongdong-gu ◇ Seoul, Korea

📞 kuc2477 ◇ in kuc2477 ◇ ✉ junsoo.ha@vision.snu.ac.kr

## RESEARCH INTERESTS

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Theoretical foundations of multi-agent learning  
Intersection of deep learning and smooth games

## EDUCATION

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### Seoul National University

Master's student

Graduate School of Artificial Intelligence

Advisor: Prof. Gunhee Kim

Seoul, Korea

Sep. 2020 - Present

### Hanyang University

Bachelor of Science in Software

Bachelor of Science in Mathematics

Graduated with High Distinction

Seoul, Korea

Mar. 2013 - Aug. 2020

GPA: 4.08 / 4.5

## PUBLICATIONS

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### On Convergence of Lookahead in Smooth Games

Junsoo Ha, Gunhee Kim

*International Conference on Artificial Intelligence and Statistics (AISTATS), 2022*

### A Neural Dichlet Process Mixture Model for Task-Free Continual Learning

Soochan Lee, Junsoo Ha, Dongsu Zhang, Gunhee Kim

*International Conference on Learning Representations (ICLR), 2020*

### Harmonizing Maximum Likelihood with GANs for Multimodal Conditional Generation

Soochan Lee, Junsoo Ha, Gunhee Kim

*International Conference on Learning Representations (ICLR), 2019*

## RESEARCH & INDUSTRIAL EXPERIENCE

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### SNU Vision & Learning Lab.

Research Assistant

Seoul, Korea

Nov. 2017 - Present

### Buzzni

Backend Software Engineer

Seoul, Korea

Mar. 2017 - Jul. 2017

### Geopia

Full-Stack Software Developer

Seoul, Korea

Apr. 2015 - Feb. 2017

### Nexol System

Software Development Intern

Seoul, Korea

Jan. 2015 - Mar. 2015

### LG Electronics

Software Development Intern

Seoul, Korea

Jul. 2014 - Aug. 2014

## HONORS & AWARDS

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### **Samsung Human-Tech Paper Award**

2019

*Samsung Electronics*

2nd place; Silver Prize

### **Distinguished Service Award**

2019

*Hanyang University*

## RELEVANT COURSEWORKS

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**Graduate** Optimization Theory and Applications, Measure Theory

**Undergraduate** Artificial Intelligence, Deep Learning, Mathematical Statistics I-II, Abstract Algebra I-II, Topology I-II, Linear Algebra II, Ordinary Differential Equations, Advanced Calculus I, Vector Calculus, Differential Geometry, Elementary Hyperbolic Geometry

## SKILLS

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### **Machine Learning**

PyTorch, Tensorflow

### **Python**

Django, Flask, SQLAlchemy, Celery

### **JavaScript**

ES6/7, React, Redux, Electron, Immutable

### **Database**

MySQL, PostgreSQL, SQLite, Redis