

# Jaekeol Choi

Seongnam-si  
Green Factory

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## Employment

Jan 2004 ~ Feb 2022 NAVER Search

## Education

### 2022 Aug - (expected) Ph.D., Intelligence and Information

Seoul National University

Advisor : Wonjong Rhee

Thesis : "Improving Bi-encoder Neural Ranking Models"

### 2019 - M.S., Software Engineering

Gachon University

Advisor : S.W Lee

### 2007 - Master's Completion, Electrical Engineering & Computer Science

Seoul National University

Advisor : Kyuseok Shim

### 2002 - B.A., Electrical Engineering

Seoul National University

## Honors

2011 - N-innovation Award in NAVER, 1<sup>st</sup> place

2009 - Hackathon in NAVER, 1<sup>st</sup> place

## Publications

### WWW 2022

Semi-Siamse Bi-enocder Neural Ranking Models using Lightweight fine-tuning  
Jakeol Choi, Euna Jung, and Wonjong Rhee

### SIGIR 2021

Improving Bi-encoder Neural Ranking Models with Two Rankers and Multi-teacher  
Distillation

Jakeol Choi, Euna Jung, Jangwon Suh, and Wonjong Rhee

### Pattern Recognition Letters 2020

Improving Fasttext with Inverse Document Frequency of subwords

Jaekeol Choi and Sangwoong Lee