

# Seokjin Han | Résumé

## Education

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### Seoul National University

*M.Sc. in Statistics*

*Mar 2017 — Feb 2019*

Supervisor: Prof. Jaeyong Lee @ Bayesian Statistics Lab.

Thesis: *De Novo* Drug Design Using Deep Generative Models

### Seoul National University

*B.Sc. in Industrial Engineering & Statistics*

*Mar 2012 — Feb 2017*

Minor in Computer Science and Engineering. GPA 3.84/4.3 (*Cum Laude*).

### Seoul Science High School

*High School Diploma*

*Mar 2009 — Feb 2012*

## Experience

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### Vocational

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#### Standigm

*AI Scientist*

*Jan 2019 — Current*

Developing core models of Standigm ASK™, the in-house target identification platform.

#### Bayesian Statistics Lab @ Seoul National University

*Research Intern*

*Dec 2015 — Feb 2016*

Implemented various stochastic search algorithms for variable selection in Bayesian linear models.

#### PRND Company

*Machine Learning Engineer*

*Jul 2015 — Aug 2015*

Developed a market price prediction service for used cars using Bayesian methods.

### Teaching

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#### SNU 326.212 (Statistical Computing and Lab.)

*Teaching Assistant*

*Fall 2018*

#### SNU 033.021 (Statistics Concept and Lab.)

*Teaching Assistant*

*Spring 2018*

#### SNU 326.413 (Data Mining Methods and Lab.)

*Teaching Assistant*

*Fall 2017*

## Publications

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### Preprint

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- **Seokjin Han**, So Jeong Yun, Hee Jung Koo\* and Tae Yong Kim\* (2021) PWN: Enhanced Random Walk on Warped Network for Disease-target Prioritization. *Preprint*.

## Patents

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- **Seokjin Han**, Tae Yong Kim, Hee Jung Koo, So Jeong Yun. *Method for Searching a Target Node related to a Queried Entity in a Network and System thereof*. Korea Patent No. 1022889570000, Aug 5, 2021.
- Hee Jung Koo, **Seokjin Han**, Chiwon Son, Jang Ho Lee, Tae Yong Kim, Chanung Jeong, Jinhan Kim, Sang Ok Song, So Jeong Yun. *Prediction Method for Disease, Gene or Protein related Query Entity and built Prediction System using the same*. Korea Patent No. 1022252780000, Mar 3, 2021.

## Awards

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### Korea Electronics Association & Samsung Electronics

*Honorable Mention @ IoT Innovation Challenge*

*Oct 28, 2016*

Developed indoor positioning system using Samsung ARTIK.

### LG CNS

*Second Prize @ LG CNS Hacker Camp*

*Nov 22, 2014*

Developed IoT-based smart gym service.

## Certification

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**Human Resources Development Service of Korea**

*Engineer Information Processing*

*Nov 18, 2016*

## Languages

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**English:** Professional working proficiency.

**Python:** 8+ years of experience.

**Julia:** 1+ years of experience.

**Korean:** Native proficiency.

**R:** 6+ years of experience.

**Rust:** 1+ years of experience.