Seokjin Han | Résumé

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Education

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

Vocational

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

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

Preprint

○ **Seokjin Han**, Jinhee Hong, So Jeong Yun, Hee Jung Koo[*] and Tae Yong Kim[*] (2022) PWN: Enhanced Random Walk on a Warped Network for Disease Target Prioritization. *Submitted.*

Patents

○ **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

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

Human Resources Development Service of Korea
Engineer Information Processing   *Nov 18, 2016*

Languages

English: Professional working proficiency.   **Korean**: Native proficiency.

Python: 9+ years of experience.   **R**: 7+ years of experience.

Rust: 2+ years of experience.   **Julia**: 1+ years of experience.