

Seokjin Han

Curriculum Vitae

Education

- Mar 2017 — **M.Sc. in Statistics**, *Seoul National University*.
Feb 2019 Supervisor: Prof. Jaeyong Lee @ Bayesian Statistics Lab.
Thesis: *De Novo Drug Design Using Deep Generative Models*
- Mar 2012 — **B.Sc. in Industrial Engineering & Statistics**, *Seoul National University*.
Feb 2017 Minor in Computer Science and Engineering. GPA 3.84/4.3 (*Cum Laude*).
- Mar 2009 — **High School Diploma**, *Seoul Science High School*.
Feb 2012

Experience

Vocational

- Jan 2019 — **AI Scientist**, *Standigm*.
Current Developing core models of Standigm ASK™, the in-house target identification platform.
- Dec 2015 — **Research Intern**, *Bayesian Statistics Lab @ Seoul National University*.
Feb 2016 Implemented various stochastic search algorithms for variable selection in Bayesian linear models.
- Jul 2015 — **Machine Learning Engineer**, *PRND Company*.
Aug 2015 Developed a market price prediction service for used cars using Bayesian methods.

Teaching

- Fall 2018 **Teaching Assistant**, *SNU 326.212 (Statistical Computing and Lab.)*.
- Spring 2018 **Teaching Assistant**, *SNU 033.021 (Statistics Concept and Lab.)*.
- Fall 2017 **Teaching Assistant**, *SNU 326.413 (Data Mining Methods and Lab.)*.

Publications

Preprint

- **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

- **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

- Oct 28, 2016 **Honorable Mention @ IoT Innovation Challenge**, *Korea Electronics Association & Samsung Electronics*.
Developed indoor positioning system using Samsung ARTIK.
- Nov 22, 2014 **Second Prize @ LG CNS Hacker Camp**, *LG CNS*.
Developed IoT-based smart gym service.

Certification

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

Languages

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.