

# Hyung-Kwon Ko

email:hkko@hcil.snu.ac.kr · website:hyungkwonko.info

## INTERESTS

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- Information Visualization & Information Geometry for Knowledge Discovery
- Visualizing High-Dimensional Data with a Firm Background of Mathematical Knowledge

## EDUCATION

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- **Seoul National University** Seoul, Republic of Korea  
*M.S. student in Computer Science and Engineering (Advisor: Prof. Jinwook Seo)* Sep 2019 - present
- **Hanyang University** Seoul, Republic of Korea  
*B.S. in Mathematics, Minor in Industrial Engineering* Mar 2014 - Aug 2019

## EXPERIENCE

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- **Human-computer Interaction Laboratory** Seoul, Republic of Korea  
*Laboratory of professor Jinwook Seo at Seoul National University, Undergraduate intern* Mar 2019 - Aug 2019
- **LG Electronics** Seoul, Republic of Korea  
*Home electronics company, Cloud center, Service development team, Intern* Jan 2019 - Feb 2019
- **Wesleyquest Inc.** Seoul, Republic of Korea  
*Strategic consulting firm, Big data team, Research associate* Jun 2018 - Aug 2018
- **Probability and Statistical Modeling Laboratory** Seoul, Republic of Korea  
*Laboratory of professor Suk-Joo Bae at Hanyang University, Undergraduate intern* Mar 2017 - Nov 2017

## AWARDS

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- **3rd place in Big Contest**  
*National Information Society Agency and Korea Bigdata Forum* Oct 2018
- **2nd Place in Artificial Intelligence Novel Competition**  
*KT and KOCCA* Aug 2018
- **2nd Place in Academical team research**  
*Natural Science college of Hanyang University* Nov 2017

## PROGRAMMING SKILLS

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- **Languages:** Python(Tensorflow, Keras), R, C/C++, JavaScript(Angular, Node, D3.js), Matlab, SQL
- **Technologies & Tools:** git, vim, AWS EC2, L<sup>A</sup>T<sub>E</sub>X

## VOLUNTEER EXPERIENCE

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- **The Actors Theatre Workshop** New York, NY, USA  
*Nonprofit organization, Intern* Mar 2016 - Aug 2016

## MILITARY SERVICE

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- **Transferred from active service to first reserve**  
*Republic of Korea Army, 11th Division, Administrative Clerk* Jun 2011 - Mar 2013