Hyung-Kwon Ko

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INTERESTS

- Information visualization & information geometry for knowledge discovery
- Data dimensionality reduction and its visualization with a firm background of mathematical knowledge

EDUCATION

- **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

- **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*

- **Wesley Quest**   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

- **3rd place in Big Contest**
  National Information Society Agency and Korea Bigdata Forum   *Aug 2018 - Oct 2018*

- **2nd Place in Artificial Intelligence Novel Competition**
  KT and KOCCA   *Mar 2018 - Aug 2018*

- **2nd Place in Academical team research**
  Natural Science college of Hanyang University   *Mar 2017 - Nov 2017*

PROGRAMMING SKILLS

- **Languages**: Python(tensorflow, keras), R, C/C++, JavaScript(node, d3.js), Matlab, SQL

- **Technologies & Tools**: git, vim, AWS EC2, LaTeX

VOLUNTEER EXPERIENCE

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

MILITARY SERVICE

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