Seokchan **Ahn**

SOFTWARE ENGINEER

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Work Experience

Samsung Research, Machine Translation Department   *Seoul, Korea*
RESEARCH ENGINEER   *Jul. 2018 - Current*

- Working on data augmentation project to improve translation quality.
- Developed a pipeline for parallel corpus pre-processing(building pseudo-parallel corpora, sentence filtering by patterns and align scores, merging sub-corpora) in fully reproducible way.
- Developed multi-thread corpus builder tool to build parallel corpora from free datasets.

Korea National Police Agency   *Seoul, Korea*
SOFTWARE ENGINEER (MILITARY SERVICE)   *Apr. 2014 - Oct. 2015*

- Developed an inventory management web service to automatize police equipment supply. (in use nationwide)
- Developed an operation report management web service.
- Developed an Android application that provides legal provisions with regard to police operations.

Education

Seoul National University   *Seoul, Korea*
COLLEGE OF LIBERAL STUDIES   *Mar. 2012 - Aug. 2018*

- B.S. in Computer Science and Engineering, Thesis: **Seokchan Ahn**, Kyungtae Kim, Byoung-Tak Zhang. "Improving Natural Language Reading Performance with Extended Skim-RNNs". In Korea Computer Congress 2018, pp. 1012-1014
- B.S. in Business Administration
- Major GPA: 3.67/4.3

Seoul Science High School   *Seoul, Korea*
SPECIALIZED HIGH SCHOOL FOR TALENTED STUDENTS IN MATHEMATICS AND SCIENCE.   *Feb. 2009 - Feb. 2012*

Research Experience

Architecture & Code Optimization Lab, Seoul National University   *Seoul, Korea*
RESEARCH INTERN   *Jan. 2018 - Mar. 2018*

- Off-loaded convolution operations of an in-house deep learning framework to FPGA.

Honors & Awards

2016	**Finalist**, Samsung Electronics IoT Innovation Challenge	*Seoul, Korea*
2016	**2nd place**, Samsung Electronics Home Appliance Idea Competition	*Seoul, Korea*
2016	**1st place**, LG CNS IoT Hackathon	*Seoul, Korea*
2015	**2nd place**, LG CNS IoT Hackathon	*Seoul, Korea*

Skills

Programming Languages	C++, Python, Java, Javascript, SQL
DevOps	AWS, Docker, Kubernetes, GitLab
Natural Languages	English: Business Level (TOEIC: 895, OPIc: AL) / Korean: Native