

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
- 2016 **2nd place**, Samsung Electronics Home Appliance Idea Competition
- 2016 **1st place**, LG CNS IoT Hackathon
- 2015 **2nd place**, LG CNS IoT Hackathon

Seoul, Korea

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Skills

Programming Languages C++, Python, Java, Javascript, SQL

DevOps AWS, Docker, Kubernetes, GitLab

Natural Languages English: Business Level (TOEIC: 895, OPIc: AL) / Korean: Native