

# Dongjun Lee

## Machine Learning Engineer

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<https://github.com/DongjunLee>

### EXPERIENCE

#### NAVER corp, Clova AI Research — Machine Learning Engineer

Apr 2018 - Current

- Backend engineer in NLP Research Team
- Led the Question Answering Framework project from Research to Service

#### Konolabs Inc, — Software Engineer, Machine Learning

Jul 2016 - Mar 2018

- Implemented Email Bot pipeline with AWS, NLP Server (Django + TF Serving) and Kono Slack Bot
- Researched NLP and temporal information extraction
- Led a project Kono Slack Bot that schedule an team meeting as easy as possible

#### Lunit Inc, — Software Engineer Intern

Jan 2016 - Jun 2016

- Managed massive data and developed storage server

### PROJECTS

#### reasoning-qa — Internal Project

May 2018 - Current

- A Question Answering framework for easily research experiments and test model with connecting modules
- Implements NLP library and SQuAD QA models (BiDAF, DocQA, DrQA and QANet) then reproduce results
- Developed on the Document QA Model with focusing inference latency and keeping the original performance

#### Kono Slack Bot — <https://kono.ai/slack>

Nov 2017 - Mar 2018

- Schedule ad-hoc meeting for team based on Slack in seconds
- Focus on UX for easy scheduling - Simple keyword, Interactive Message, Latency and combine with Email Bot
- Implement NLP Server for Text Classification and Temporal Information Extraction

#### NLP Papers

Sep 2017 - Dec 2017

- Transformer ([github.com/DongjunLee/transformer-tensorflow](https://github.com/DongjunLee/transformer-tensorflow))
- Conversation (Seq2Seq + Attention) ([github.com/DongjunLee/conversation-tensorflow](https://github.com/DongjunLee/conversation-tensorflow))
- Dynamic Memory Network ([github.com/DongjunLee/dmn-tensorflow](https://github.com/DongjunLee/dmn-tensorflow))
- TextCNN ([github.com/DongjunLee/text-cnn-tensorflow](https://github.com/DongjunLee/text-cnn-tensorflow))

#### Kino Bot — [github.com/DongjunLee/kino-bot](https://github.com/DongjunLee/kino-bot)

Jan 2017 - May 2017

- Personal assistant based on Slack Bot to improve my life quality by automatically quantified self data.
- Support multiple language, Scheduling, Skill with keyword matching, Automatic Tracking and Smart Feed

### EDUCATION

#### Computer Science, Bachelor of Science in Engineering, Hanyang Univ.

Mar 2009 - Feb 2016

### TECHNICAL SKILLS

- Machine Learning & Deep Learning TensorFlow, PyTorch, scikit-learn
- Back-end Python3, Django, TF Serving
- Others AWS, TDD, CI, Java8