Dongjun Lee
Machine Learning Engineer

humanbrain.djlee@gmail.com
https://github.com/DongjunLee

EXPERIENCE

NAVER corp, Clova AI Research — *Machine Learning Engineer*   Apr 2018 - Current

- Led the project that pre-trained Language Representations (e.g. BERT, GPT-2)

   - When our team submitted, achieved the first place with F1 92.42 on KorQuAD Test Set
- As the author of open-source Clova Language Framework,

   I designed and implemented the project and am maintaining this project.

Konolabs Inc, — *Software Engineer, Machine Learning*   Jul 2016 - Mar 2018

- Led the Kono Slack Bot project that schedule a team meeting as easy as possible
- Implemented Email Bot pipeline with AWS and NLP Server (Django + TF Serving)
- Researched NLP and mainly worked to expand coverage of temporal information extraction

Lunit Inc, — *Software Engineer Intern*   Jan 2016 - Jun 2016

- Managed massive data and developed storage server

PROJECTS

CLaF: Clova Language Framework — *https://github.com/naver/claf*   May 2018 - Mar 2019

- Design general NLP 'Experiment' flow with training, evaluation and predictive flow and 'Machine' pipeline
- Implements various models (reading comprehension and semantic parsing), tokens (ELMo, CoVe and Linguistic) and Machine (OpenQA)
- Deploy CLaF machine to production with REST API

Kono Slack Bot — *https://kono.ai/slack*   Nov 2017 - Mar 2018

- Schedule ad-hoc meeting for the 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*)
- Conversation (Seq2Seq + Attention) (*github.com/DongjunLee/conversation-tensorflow*)
- Dynamic Memory Network (*github.com/DongjunLee/dmn-tensorflow*)
- TextCNN (*github.com/DongjunLee/text-cnn-tensorflow*)

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 languages, Scheduling, Skill with keyword matching, Automatic Tracking and Smart Feed

EDUCATION

Computer Science, Bachelor of Science in Engineering, Hanyang Univ.   Mar 2009 - Feb 2016

Dongjun Lee
Machine Learning Engineer

humanbrain.djlee@gmail.com
https://github.com/DongjunLee

PUBLICATION

- CHOPT: Automated Hyperparameter Optimization Framework for Cloud-Based Machine Learning Platforms
  Oct 2018, arXiv

TECHNICAL SKILLS

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