



Ha Junsoo (河俊秀)

Personal Details

Email: kuc2477@gmail.com

Phone: +82 10-6766-2477

Address: 서울시 성동구 마조로 15-16, 203

Contact: [LinkedIn](#) | [Github](#) | [Blog](#)

Interests

Memory in Neural Networks
Probability Density Estimation
Representation Learning
Free and Open Source Softwares
Scalable Software Architectures
Functional Languages
CLI Tools

Education

Hanyang University (Seoul)

- *B.S. in Software Engineering, May 2013 - 2019 (expected)*
- *B.S. in Mathematics, Aug 2014 - 2019 (expected)*

Paper Implementations

[tensorflow-dcgan](#)

Unsupervised Representation Learning with Deep Convolutional Generative Adversarial Networks, ICLR 2016

[tensorflow-infogan](#): InfoGAN: Interpretable Representation Learning by Information Maximizing Generative Adversarial Nets, NIPS 2016

[tensorflow-wgan](#): Wasserstein GAN, arxiv:1701.07875

[pytorch-vae](#): Auto-Encoding Variational Bayes, arxiv:1312.6114

[pytorch-ewc](#): Overcoming Catastrophic Forgetting, PNAS 2017

[pytorch-memn2n](#): End-To-End Memory Networks, NIPS 2015

[pytorch-ntm](#): Neural Turing Machines, arxiv:1410.5401

[pytorch-splitnet](#): SplitNet: Learning to Semantically Split Deep Networks for Parameter Reduction and Model Parallelization, ICML 2017

[pytorch-wrn](#): Wide Residual Networks, BMVC 2016

Open Sources

[dl-papers](#): Deep Learning papers which enlightened me

[django-record](#): Records snapshot of Django model instances on their updates

[backbone-csrf](#): Configure X-CSRFToken header for all Backbone sync requests

[dotfiles](#): Personal environment which compliants UNIX philosophy

[news](#): Asynchronous web subscription engine written in asnycio and aiohttp

Skills

Machine Learning:

- PyTorch, TensorFlow, Keras
- NumPy, SciPy, Scikit-Learn

Backend / Python:

- Django, Flask, SQLAlchemy, Celery,
- asynio, Crossbar, Autobahn, RabbitMQ

Frontend / JavaScript:

- Backbone, React, Redux, Electron, Autobahn
- ES6/7, Webpack, Immutable

Database:

- MySQL, PostgreSQL, SQLite, Redis

Dev-Ops:

- Bash, Git, GNU Make, Docker
- Travis CI, Coveralls, Fabric, AWS, Nginx

Work Experience

LG Electronics Inc. Seocho, Seoul, Korea. **Software Development Intern**, Jul 2014 - Aug 2014

Nexol System Inc. Geumcheon, Seoul, Korea. **Software Development Intern**, Jan 2015 - Mar 2015

Geopia Geumcheon, Seoul, Korea. **Full-Stack Software Developer**, Apr 2015 - Feb 2017 (Substitute of Mandatory Military Service)

Buzzni Gwanak, Seoul, Korea. **Backend Software Engineer**, Mar 2017 - July 2017