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 comliants 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,
- asyncio, 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 Delveopment 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* (Substitue of Mandatory Military Service)

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