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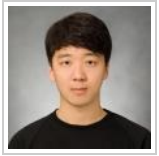

Ha Junsoo (河 俊 秀)

Personal Details

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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)*

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*

Skills

Machine Learning:

- PyTorch, TensorFlow
- 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

DevOps:

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

Paper Implementations

pytorch-splitnet: SplitNet: Learning to Semantically Split Deep Networks for Parameter Reduction and

Model Parallelization, ICML 2017 [🔗]

pytorch-ntm: Neural Turing Machines, arxiv:1410.5401 [🔗]

pytorch-memn2n: End-To-End Memory Networks, NIPS 2015 [🔗]

pytorch-ewc: Overcoming Catastrophic Forgetting, PNAS 2017 [🔗]

pytorch-vae: Auto-Encoding Variational Bayes, arxiv:1312.6114 [🔗]

pytorch-wrn: Wide Residual Networks, BMVC 2016 [🔗]

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

tensorflow-wgan: Wasserstein GAN, arxiv:1701:07875 [🔗]

tensorflow-dcgan: Unsupervised Representation Learning with Deep Convolutional Generative Adversarial Networks, ICLR 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: UNIX philosophy comliant environment files and its automated installation.

news: Asynchronous web subscription engine written in asnycio and aiohttp