

- : (Toru Fujino)
  - GitHub: <https://github.com/toru34>
  - Slideshare: <https://www.slideshare.net/torufujino>
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- Python
    - 2015 , ML/NLP/DL .
    - : NumPy, Matplotlib, Tensorflow(v1), PyTorch .
    - - \* VAE (EMNLP2019 . ): [https://github.com/toru34/li\\_emnlp\\_2019](https://github.com/toru34/li_emnlp_2019)
      - \* GAN (NeurIPS2019 . ): [https://github.com/toru34/dautume\\_neurips\\_2019](https://github.com/toru34/dautume_neurips_2019)
      - \* VAE+Encoder-Decoder (EMNLP2017 ): [https://github.com/toru34/li\\_emnlp\\_2017](https://github.com/toru34/li_emnlp_2017)
  - C++:
    - 2014 , / (Agent-based ) .
    - : STL.
    - - \* Q (Physical Review E ): ([https://github.com/toru34/Andrecut\\_PRE\\_2001](https://github.com/toru34/Andrecut_PRE_2001))
      - \* ( ): ([https://github.com/toru34/fujino\\_physica\\_2019](https://github.com/toru34/fujino_physica_2019))
  - SQL
    - . .
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    - : ( , ).
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- ( ) at (2020.01 ~ )
1. (2020.01 ~ )
- - , .
  - :
  - : Python (Keras, PyTorch, OpenCV, NumPy).

( ) at IGPI & (2015.12 ~ 2018.04, 2018.10 ~ 2019.11)

1. (2016.04 ~ 2019.11)

- TA (MLP, CNN, RNN, etc.) (CV, NLP, RL, etc.) .
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- : Python (NumPy, Theano, TensorFlow(v1)/Keras, PyTorch)
- - DL4US (2018 ~ 2019 ) [Link]
    - \* ( ) ( 7 ).
    - \* Keras API .
    - \* CNN , CNN+RNN , DQN .
    - \* : <https://github.com/matsuolab-edu/dl4us>
  - (2016 ~ 2019 ) [Link]
    - \* / ( 11 ) .
    - \* NumPy, TensorFlow API .
    - \* NumPy kNN , NumPy MLP/RNN , TensorFlow , RN-  
N , CNN+RNN .
  - Deep Learning for NLP (2018 ) [Link]
    - \* ( 6 ) .
    - \* PyTorch , (VAE, GAN) .

2. ( , 2015.12 ~ 2018.01 )

- , .
- ( ) .
- : Python (Theano, TensorFlow, MeCab, CaboCha, etc.), MySQL.
- XBRL (XML ) , / , .
- : <https://pr.nikkei.com/qreports-ai/>
- - MTG , , .
  - TOEFL iBT: 96 (2016 9 ) .
- LaTeX
  - .
- GitHub
  - .
- <https://dwango.github.io/articles/engineers-resume/> .