

Seiji Tanimoto

E-mail: seijitanimoto1997@gmail.com

WORK EXPERIENCE

RAKUS Partners Co., Ltd. Tokyo

April 2021-present

- **Machine Learning Engineer**
- data analysis engineer.
- GCP Cloud Architect

(April 2021 - present)

EDUCATION

Master of Science in Engineering, TOKYO UNIVERSITY OF TECHNOLOGY, Tokyo (2021)

SPECIAL SKILLS

- **(OS)** Windows10, Intel Mac, M1 Mac, Linux
- **(Programming Language)** Python3, SQL
- **(Cloud Technology)** GCP, AWS
- **(Tool)** JupyterNotebook, JupyterLab, Pycharm Professional, Docker, Spyder, Atom, zoom, Discord, Microsoft Teams, Skype, Git, GitHub, Slack, Apache, Tomcat, Visual Studio Code, whimsical
- **(Data analysis/numeric calculation)** Numpy, Pandas, Scipy, Scikit-Learn, Matplotlib, xgboost, lightgbm
- **(Deep learning)** TensorFlow, Keras, PyTorch (BERT)
- **(Natural language processing)** janome, MeCab, spaCy, torch, transformers (Huggingface), fugashi, ipadic, pytorch-lightning, glob
- **(Image processing)** OpenCV, Pillow, scikit-image
- **(GUI construction, web applications)** Flask, Django, Streamlit

【Models and methods that I have used before】

- **(Multivariate analysis)** Linear regression (Polynomial, Gaussian basis functions, L1:Lasso, L2:Ridge, Elastic net), Principal component analysis, Multidimensional scaling (MDS), Hierarchical clustering (DBSCAN)
- **(Machine Learning)** SVM, kernel SVM, k-nearest neighbor method, k-means method, Generalized linear model (Logistic regression), LDA (Latent Dirichlet allocation), Decision tree, Ensemble learning, Random forest, Gradient Boosting decision tree (xgboost, lightgbm) PyCaret, Stacking, Perceptron, Multilayer Perceptron, ADALINE
- **(Natural Language Processing)** Word2vec, RNN (Recurrent Neural Network), LSTM, ELMo, Attention, Transformer, BERT, Seq2Seq
- **(Image processing)** CNN(Convolution Neural Network) • ResNet-18 • VGG-19-BN, VGG-16

QUALIFICATIONS

- AI Implement Examination Grade A 2021#3
- JDLA Deep Learning for GENERAL 2021#3

My Information

- GitHub : <https://github.com/seiji0203>
- Qiita : <https://qiita.com/seiji1997>
- Web : <https://seiji-tanimoto.ghost.io>
- LinkedIn : <https://www.linkedin.com/in/seijitanimoto1997/>