HARUTO TANAKA

STUDENT

✉ harutornof@gmail.com 📞 (587) 783-6788 in haruto-tanaka/ ⌂ WINUprj

SUMMARY

2nd year University of Alberta student majoring in Computing Science, with basic skill sets of Data Science such as data analysis, machine learning algorithm engineering, and computer vision. Strong at developing solution to business problems via data science approach.

EDUCATION

University of Alberta   Sept. 2019 - Current
BSc Computing Science 2023
Studying honors computing science, specializing on data science.

EMPLOYMENT

HACARUS Inc., *Data Scientist Internship*, Kyoto, Japan   Aug. 2020 - Current, Aug. 2020 - Current
Data Scientist Intern at HACARUS Inc. Participated to create an educational content to teach beginners of data science. Mainly created a time series forecast pipeline by xgboost with clear data preparation and explanations.

SKILLS

PROGRAMMING LANGUAGES: Python, Java, C, C#, JavaScript, SQL, C, C++, C#, Java
WEB DEVELOPMENT: HTML5, CSS3, JavaScript, jQuery, Vue.js, AJAX, JSON
TECHNOLOGIES & FRAMEWORKS: Flask, Django, Tensorflow, Pytorch, Keras, CUDA
DATABASE: MySQL, SQLite, PostgreSQL
TOOLS: Docker, git, github, Heroku , Jupyter notebook & lab, Travis CI
DATA ANALYSIS: numpy, pandas, matpolotlib, openCV, seaborn, lightgbm, xgboost, scikit-learn, optuna

PROJECTS

Car Recognizer LINE BOT (message bot for car classification)   June 2020 - July 2020
Image recognition project of car brands. Fine tuned model using Xception Net recorded average of 85% accuracy with training, and 83% with validation datasets. Not simply created DL model, but deployed it using LINE API with CI/CD pipeline created by Travis CI / heroku where all environments are managed by Docker.

ASK! (Stack overflow-like BBS for Japanese users)   Jan. 2020 - Feb. 2020
BBS for Japanese IT developers, with a basic set of functionalities such as user registration, user login/logout, post topics, and post/reply comments. Still on update.

Shogi Sennichite Analyzer   May 2020 - May 2020
First real-world ML project. Binary classification of professional Shogi (chess-like board game in Japan) player who experienced Sennichite (rare special situation on Shogi game) for less or more than 10 times throughout their career. Collected data by web scraping, and as a result, got 1.00 accuracy on training, and 0.99 on validation dataset.

AWARDS

GCI Summer 2020 high achiever, *University of Tokyo, Matsuo Lab*   Aug. 2020
Awarded for high achievement in Global Consumer Intelligence (Data Science course organized by Matsuo Lab in University of Tokyo). With outstanding business proposal and constant commitment on competition, the high achiever was awarded.

ACTIVITIES

Kaggle, *Expert*   June 2020 - Current
Contribution to kaggle. Currently a discussion expert.