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Yu Nishimura

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Work Experience

NEXT Remote Part time, Software Engineer Tokyo, Japan (Jul 2020 ~ Present)

- Japanese computer system subsidiary of solar power management company in Tokyo
- Created alert system using web crawler Apify SDK tool, Puppeteer, with Node.js
- Operations for a Rails website on Heroku server using Docker container with CI/CD tools.

N2i Part time, AI Software Developer Aichi, Japan(Apr 2018 ~ Oct 2018)

- Created face recognition system using Tensorflow then created API for the system using Django
- Created logo detection system using OpenCV and applied it into web application made by Django

Competition and Personal Projects

Hall of Fame Videos :https://github.com/yunishimura0716/hafvidz-project

- Created a platform where user can make their own list of favorite YouTube videos in background using Django.
- Used YoutTube API to search videos what user want to add their list required access token

Logo Detection :https://github.com/yunishimura0716/LogoDetection

- Created a web app where user can cutout logo photograph like photoshop by applying image processing algorithm using OpenCV as a library of Python
- The background of the app is written by Django

Kaggle Competition :https://www.kaggle.com/yunishi0716/account

- Kaggle is the world's largest data science community which held data science competition
- Created Machine Learning Model to predict a specific feature and statistical value using libraries of Python, such as Scikit-Learn, Pandas, Numpy, XGBoost
- My model got top 3% (92/3614) precision at a competition, ASHRAE - Great Energy Predictor III (https://www.kaggle.com/c/ashrae-energy-prediction/overview)

Education

University of British Columbia Vancouver, BC (2020 - Present)

- Computer Science major, Faculty of Science (Average Grade: 89%), 2nd grade
- Data Structure, Software Design Pattern

Languages and Technologies

- Python, Javascript, Java, C/C++, Ruby, SQL
- Django, Node.js, Ruby on Rails
- Scikit Learn, Pandas, Numpy, Tensorflow
- Docker, AWS, Digital Ocean, Travis CI, Heroku
- Postgresql, Github, Bootstrap, IntelliJ IDE, Visual Studio Code