Trong Son NGUYEN

IT

Contact

(080) 2733-4345

sonnguyenlqd@gmail.com

Yagura, Kusatsu, Shiga, Japan, 525-0053

linkedin.com/in/trongsonnguyen95

Education

(April 2020 - Present)
Bachelor Of Engineering,
College of Information Science and Engineering
RITSUMEIKAN UNIVERSITY
1 Chome-1-1, Nojihigashi,
Kusatsu, Shiga, Japan, 525-0058
- *Member of Ritsumeikan GDSC Club*

Skills & Languages

- Python
- HTML & CSS
- JavaScript
- React.js
- Google Map Services
- TensorFlow
- OpenCV
- Japanese
- English
- Vietnamese

Certifications

(Feb 2022)
DeepLearning.AI TensorFlow Developer

Profile

Driven student leveraging studies in Information Technology with formal knowledge gained through excellent classroom performance seeks an internship opportunity to expand skills and gain valuable real-world as well as working experiences.

Experiences

SCHOOL STUDY PROJECT: JAPANESE PAVEMENT MARKING DETECTION

APR 2022 – Present

Details: Using Mask R-CNN to detect multiple pavement markings in the image at the same time.

- Creating Japanese pavement marking database.
- Using the Copy-Paste data augmentation method to increase the size of database by creating new image for training instance segmentation model.

SCHOOL STUDY PROJECT: IMAGE PANORAMA STICHING

NOV 2021 – JAN 2022

Details: Implemented the image stitching of two overlapped images from two projectors

- Used OpenCV library to implement the image processing part.
- Conducted research, gathered information from multiple sources and presented results.
- Collaborated with UML diagram designers to build the code architecture for the project and expanded the code.

NATURAL LANGUAGE PROCESSING PROJECT

OCT 2021 – DEC 2021

Details: Comparing the accuracy of two ML algorithms and CNN with Amazon Reviews database

- Applied the Support Vector Machine and Naive Bayes and Convolution Neuron Network model to predict the positive or negative reviews.
- Experienced with TensorFlow, scikit-learn and keras to build models

SCHOOL STUDY PROJECT: RESTAURANT RECOMMENDATION

APR 2021 – JUL 2021

Details: Recommendation the nearby and less-crowded restaurants based on customer's position

- Used Flask web framework to maintain website integrity, security and efficiency.
- Applied Google Map Services API to implement the map with the necessary functions for the web application.