Jun Yamada

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EDUCATION

University of Southern California · Los Angeles, United States **10/2019 ~ Present**
- Visiting scholar at CLVR lab under supervision of Professor Joseph Lim

University College London· London, United Kingdom **09/2018 ~ 09/2019**
- MSc Data Science and Machine Learning in the Department of Computer Science
- Expected to graduate in 09/2019 , Expected Distinction

The University of Tokyo · Tokyo, Japan **04/2018 ~ 05/2018**
- M.S. in Complexity Science and Engineering
- Belonged to Sugiyama Sato Honda Lab
- Withdrawn from the University of Tokyo to enroll in University College London from the September in 2018

Keio University · Tokyo, Japan **04/2014 – 03/2018**
- B.S. in Administration Engineering including courses in computer science, applied mathematics, and statistics
- As member of department's machine learning research group, conducted research at Sakurai Lab on object detection

KTH Royal Institute of Technology · Stockholm, Sweden **08/2016 – 07/2017**
- Exchange student, School of Computer Science.

RESEARCH EXPERIMENCE

University of Southern California · Los Angeles, United States **10/2019 – present**
- Researching computer vision and reinforcement learning for robotic manipulation tasks under supervision of Professor Joseph Lim

University College London · , United Kingdom **03/2019 – Present**
- Worked on "Evolution of a complex predator-prey ecosystem based on deep reinforcement learning" for the MSc thesis under supervision of Dr. Zaferious Fountas and Prof. John Shown-Taylor.
- Worked on research group project "Using Graph Convolutional Networks for Abstractive Text Summarization" as a part of the lecture "Statistical Natural Language Processing"

Sakurai Lab, Keio University · Tokyo, Japan **07/2017 – 03/2018**
- Worked on a Multi Modal Single Shot MultiBox Detector for RGB-D Object Detection project
- Attempted to subject RGB-D images to state-of-the-art, multi-modal object detection techniques such as the Single Shot MultiBox Detector, to improve the accuracy of object detection

MACHINE LANGUAGE & SOFTWARE ENGINEER INTERNSHIPS

SE4, Inc. · Tokyo, Japan **09/2019 – Present**
- Researching computer vision, inspired by Canonical Space Mapping and Learning Category-Specific Mesh Reconstruction, supervised by Dr. Hirokatsu Kataoka and Shunsuke Saito.
- Collaborating with National Institute of Advanced Industrial Science and Technology.

Grid, Inc. · Tokyo, Japan **08/2017 – 08/2018**
- Developing deep learning models, including a DenseNet semantic segmentation called Tiramusu, and a Faster-RCNN Single Shot Multibox Detector, by using Python and an in-house deep learning module called ReNom.

KitchHike, Inc. · Tokyo, Japan **04/2016 – 08/2016**
- Worked on engineering a web application as the chief backend developer, using Ruby

WealthNavi, Inc. · Tokyo, Japan **04/2015 – 08/2015**
- Developed the software for the company's automatic investment system, especially to display the investment model and predicted results on the company's website

Div, Inc. · Tokyo, Japan **09/2014 – 04/2016**
- Improved various in-house systems, including the company's customer management system

AWARD

Kaggle - Home Credit Default Risk **09/2018**
- Ranked in less than 10% and won the bronze medal in the competition

Kaggle – Elo Merchant Category Recommendation **03/2019**
- Ranked in less than 10% and won the bronze medal in the competition and being Kaggle Expert.

Kaggle – Humpback Whale Identification **03/2019**
- Ranked in less than 5% and won the silver medal in the competition

SKILLS

Programming languages: Python, Django, Flask, Ruby, Ruby on Rais, Java, Javascript, ReactJS, AngularJS, C#, C,
Machine Learning Framework: Keras, Chainer, TensorFlow, PyTorch, and Renom