PHU SAKULWONGTANA

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STATEMENT

I am second-year computer science student at University College London looking for an internship in Deep Reinforcement Learning, and possibly Multi-agent Learning Research.

RESEARCH INTEREST

Machine Learning, Deep Reinforcement Learning, Multi-Agent Learning and Neuroscience-inspired Artificial Intelligence.

EDUCATION

University College London   *September 2017 - Present*
Bsc. Computer Science   Degree classification: First-Class Honours (82 out of 100)

COURSES

Courses

Principles of Programming	Robotics Programming
Theory I	Engineering Challenges
Applied Software Development	Design and Professional Skills 1
Theory II	Discrete Mathematics for Computer Scientists

SELECTED PROJECTS

`phutoast.github.io`   *October 2017 - Present*

· Personal Website that contains various course notes.
· Included, courses on Deep Reinforcement Learning, Game Theory, Differential Geometry, Machine Learning, Neuroeconomic, Computational Neuroscience and more.
· Also contains (20+) detailed notes on research papers, from various fields including Deep Reinforcement learning, and Neuroscience.
· Aimed to make the notes easy to read and understand, with codes accompanied, if available.

Deep Learning Implementations   *June 2018 - Present*

· Implementation of deep learning papers/algorithms in Python.
· Including, the implementation of deep reinforcement learning algorithms, Interaction Network, and more.

Teaching deep learning through Jupyter Notebook   *January 2017 - February 2017*

· Courses divided into 6 parts that start from simple mathematics of deep learning to fooling neural network using a genetic algorithm.
· Contains simple diagrams with little assumption about mathematical background to help the readers understand the concepts better.

WORK EXPERIENCE

UCL Artificial Intelligence Journal Club   *September 2017 - June 2018*

· Regular member of the Journal Club

· Invites speakers from DeepMind, OpenAI, Toronto, MILA, Berkeley, Princeton, Oxford, and more, to talk about their current research and their publications.

The VC Group, Bangkok - Android App Developer *October 2014 - July 2015*

· Create an online video streaming android application based on the companys API.

TECHNICAL SKILLS

Programming Languages

Python	Few years experience
C, Java	Intermediate, comfortable with it.

Software Packages

PyTorch, Numpy, Matplotlib	Few years experience
Tensorflow	Intermediate, comfortable with it.