Hongyuan Lu

EDUCATION

MEng in Computing. Imperial College London　　　　2014-2018

Imperial College London

Overall Total: High Upper Second Class

During my study at ICL, I have mostly focused on studying Machine Learning ranging from statistical Machine Learning, Reinforcement Learning to Deep Learning. In addition to my solid foundation in practical and theoretical Machine Learning, I also have equipped myself with advanced engineering skills (Java, C++, C, Python and SQL) and soft skills (communication skill, responsibility, self-time scheduling).

pintOS　　　　2016

Group Project in four at Imperial College London

PintOS is a C-based Operating System group project in my second year. It requires us to complete an operating system written in C by implementing memory file swap as well as task scheduling. I have contributed mostly in implementing system scheduler and overall debugging.

Neural Image Captioning　　　　2018

Final Year Master Thesis at Imperial College London

My final year individual project was a research project about neural image captioning. I achieved in integrating Mask R-CNN into the existing seq-to-seq framework in order to leverage the previously untouched segmentation labels in the MS COCO dataset.

WORK EXPERIENCE

Software Engineer Intern　　　　2017

Amazon UK inc., Full-time

I wrote 4,000 lines of Java code for an individual project called RedEye. It is an internal tool for automatic tests playback. I have implemented the function block of camera calibration and audio video synchronization.

Since this is a research project, it required me to interact often with my teammates. It thus has sharpen not only my individual research skills, but also my skills in managing myself and communicating with others.

SKILLS

Languages	Chinese (mother tongue)
	English (fluent)
	Japanese (fluent)
Programming	MATLAB, PYTHON, C++, JAVA, PROLOG, C, CAFFE, TENSORFLOW