

2 Brudenell
Godmanchester, PE29 2NQ
+44 (0) 7463845990
SISUMLIU@GMAIL.COM

ADRIAN LIU

EXPERIENCE

SITA, London – Data Scientist

OCT 2017 – PRESENT

Model designer/creator for baggage recognition computer vision task of detecting the type and color of a bag defined by industry standards. (Convolutional Neural Networks, Random Forests, LightGBM | R, Python, Docker)

Created and implemented face liveness detection machine learning algorithm to detect fake faces coming through airport smart gates. (SVM | Python)

Created NLP based Twitter alert system, with dashboard, for detecting emergencies at specific airports. (VADER, Rule-based | R, R Shiny)

EDUCATION

Lancaster University – Msci Mathematics

2013 – 2017

Dissertation Title: Lueck Approximation Theorem | Supervisor: Gabor Elek

First Class Honours, mostly pure modules, attended Japanese Culture Society Advanced Class.

INTERESTS

Japanese Language – Like to read Japanese novels. Interested in their media culture. Passed Japanese Language Proficiency Test N1 at 89th percentile.

InTheGroove – Based on open source rhythm game Stepmania. Created an arcade-like set-up at home. High adrenaline fitness.