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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. (CNN, 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 (First Class Honours)

2013 - 2017

Dissertation Title: Lueck Approximation Theorem | Supervisor: Gabor Elek

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.