Daniel Lee

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Education	**University of Southampton Sept 2014 - July 2018** MEng Electronic Engineering with Artificial Intelligence. Grade: First Class
Dissertation	**LQR using Reinforcement Learning 2016 - 2017** The cart pole balancing problem was solved using algorithms from reinforcement learning, including, QLearning, policy iteration and temporal difference methods.
Work Experience	**Internship at nquiringminds July-Sept 2015 - 2017** Embedded Device Developer 2015 A set of sensing devices capable of reading aspects of the surrounding environment, such as temperature, humidity, noise, carbon monoxide and air pressure, was designed and manufactured. 2016 - 2017 By the use of several reverse engineering skills, the communication protocol and security implementation of a home automation kit from an external manufacturer were completely decoded. **Part-time job at Kumon Feb-Apr 2015** Mathematics Teacher
Workshop	**Machine Learning Workshop at JP Morgan** Learned the basics of Machine Learning. Overview of Supervised and Unsupervised Learning.
Awards	**UN debate competition, Argentina** Award for Outstanding Performance The competition consisted in representing an assigned country and debating on topics related to politics and economics with students from several other colleges.
Languages	Spanish (native), English (advanced), Korean (advanced), French (intermediate, DELF B1).
Skills	Java, C++, Python, C, Scala, Javascript, SQL, DB2, Swift, TensorFlow, LATEX, Matlab.
Online Learning	**Machine Learning Course by Stanford University - Coursera**