

Daniel Lee

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Education

University Of Southampton Sept 2014 - Present
MEng Electronic Engineering with Artificial Intelligence
Current Grade: First Class

3rd Year Project

LQR using Reinforcement Learning 2016 - 2017
The cart pole balancing problem was solved using algorithms from reinforcement learning, including, Q-Learning, 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

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

Python, TensorFlow, C, C++, Matlab, Javascript, Eagle, Modelsim, Synplify, System Verilog, Swift, Embedded Systems, L^AT_EX

Online Learning

Machine Learning Course by Stanford University - Coursera