

PO RYAN LOK HIM

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EDUCATION

Carnegie Mellon University (Ranked 1st for Computer Science on US News and CSRankings)

BSc in Computer Science, GPA 3.88/4.00

2018 – Present, Pittsburgh US

St. Paul's Co-educational College

2015 – 2018, Hong Kong

IBDP Diploma, IB Score: 44/45

Island School

2011 – 2015, Hong Kong

HONORS

Named to Dean's List, Carnegie Mellon University

Fall 2018 - Current

Hong Kong Government Scholarship for Excellence 2018-2022

2018 – 2022

(To support the top 50 local students who are pursuing studies at renowned universities outside Hong Kong)

International Mathematical Modelling Competition, Meritorious Prize (Top 8 International)

Spring 2018

Scholarship of Academic Excellence, St. Paul's Co-educational College (Top 1%)

2015 – 2018

ACT (Score of 35/36)

Spring 2018

EXPERIENCE

Deloitte Technology Intern

Summer 2019

Intern at Deloitte Blockchain lab, involved in machine learning and computer vision projects

CMU Human-Computer Interaction Institute Research Assistant

Spring 2019

Research assistant for a natural language processing project on analyzing the works of online novelists and writers

PROJECTS / INTERESTS*

* Ryan's interests include: Machine Learning, AI, Computer Vision, NLP, Game Design

Jockey Object Detector (Python)

Summer 2019

Custom trained convolutional neural network used to detect the position of jockeys during horse races (Demo: bit.ly/2GbelNB)

Tartan Hacks Hackathon Project: Nicerly (HTML/CSS/JS/Python)

Spring 2019

Chrome extension for Facebook messenger that conducts real-time sentiment analysis on text messages (Link: bit.ly/nicerly)

Flip-Flop (Unity/C#)

Fall 2018

Infinite runner game with procedurally generated levels built by a team of 14 consisting of programmers, artists and musicians

SKILLS

Technical: Proficient in Python and experienced in Unity, C, C#, Linux, SML, HTML/CSS, Advanced MS Office

Language: Fluent in English, Mandarin and Cantonese

EXTRA-CURRICULAR ACTIVITIES

Game Creation Society of Carnegie Mellon University

Fall 2018 – Present

Student Union of St. Paul's Co-educational College

Fall 2015 – Spring 2018

COURSEWORK

Fundamentals of Programming and CS; Matrices and Linear Transformation; Mathematical Foundations of CS; Principles of Imperative Computation (C/C#/C++); Principles of Functional Programming (SML); Modern Biology