

Arulkumaran R

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EXPERIENCE

Defence Science and Technology Agency (DSTA), Singapore — Intern

NOVEMBER 2020 - DECEMBER 2020

I made a report on how DSTA could incorporate IoT (Internet of Things) for their business operations. I also made a program to detect & structure text from invoices to streamline the invoice management process for DSTA.

Empowering Generation Z, Singapore— Chairperson

JULY 2020 - MAY 2021

I organised and tutored in a nationwide tutoring program (together with community clubs), aimed at helping out underprivileged kids affected by HBL & COVID. Led over 70 tutors, and oversaw key operations like setting up new centres and liaising with key personnel, parents, tutors and tutees.

EDUCATION

Raffles Institution, Singapore— GCE 'A' Levels

FEBRUARY 2020 - DECEMBER 2021

Raffles Photographic Society - Part of the Exhibitions Committee, where I helped design photobooks, consisting of pictures taken by RPS members. Also photographed major school events like assemblies.

Meet the People Sessions - Volunteered at MPS, where I filled up social assistance forms and wrote letters of appeal on behalf of residents to ministries and government agencies.

H3 Game Theory - Took a university level course at SMU, about Game Theory, which is an advanced economics concept.

Anglo-Chinese School (Independent), Singapore— GCE 'O' Levels

JANUARY 2016 - DECEMBER 2019

National Cadet Corps - Was a 3rd Sergeant and Head of Media Committee, where I was in charge of all IT matters. Also completed other courses like NCC Specialist Assessment.

Computer Services Team - Helped build websites for photographers and teachers in my school.

SKILLS & INTERESTS

Python, Cybersecurity, Front-End Development, Cryptography, Mathematics, Investing

AWARDS

Champion, Interpoly CTF Competition (2021)

Emerged #1 among over 100 teams in this competition.

Top 10, Brainhack CDDC CTF

Emerged #10 among over 80 teams in this competition.

Edusave Scholarship

Awarded for being top 5% in 'O' Level Examinations.

Top in Humanities (History)

Australian National Chemistry Quiz, Distinction (2018)

LANGUAGES

English, Tamil

CERTIFICATIONS

CS50x - A university level computer science course