

Choo Tze Jie

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Education

National University of Singapore Currently pursuing a Bachelor of Computing in Computer Science (with Honours)	Aug 2022 - Present
Nanyang Junior College Achieved 88.875 rank points in GCE A-Level	Jan 2018 - Dec 2019
Zhonghua Secondary School Achieved raw L1R5 score of 7, net L1R5 score of 3 in GCE O-Level	Jan 2014 - Dec 2017

Certificates

Foundation Programme in Server, Quality Assurance and Site Reliability Engineering Awarded by Tiktok	12 Jul 2023
Python and Statistics for Financial Analysis Awarded by The Hong Kong School University of Science and Technology on Coursera	9 Jul 2023
Python and Pandas for Data Engineering Awarded by Duke University on Coursera	30 May 2023
Platform Thinking: What's beyond Uber? Awarded by Politecnico di Milano on Coursera	24 Jan 2023

Awards and Achievements

NYJC Academic Excellence Award	2019
NYJC Orientation Group Leader	2019
Facilitator for NYJC Experience	2019
Selected as a member for the prestigious NYJC Galileo Programme	2018 - 2019
CDC - CCC Education Merit Award	2017, 2018
SAC Zhonghua Merit Scholarship	2017
Edusave Scholarship	2015, 2017
Top in Class	2015
Merit Award for 10th Singapore Games Creation Competition	2015
2 nd place for 50 Years On – Remembering Our Everyday Pioneer Heroes – Digital Story Competition	2015
Silver Award for National Library Board Certificate of Appreciation	2015
MOE Edusave Certificate of Academic Achievement	2014, 2016, 2018

Co-curricular Activities (CCA)

Photographer for Nanyang Photographic Society Deployed as a photographer for many events such as J2 Dinner and Dance in 2018 and Class Orientation in 2019. Was also a facilitator for events such as Basic Photography Course, CCA Day Camp, CCA Orientation, CCA Selection Trials.	2018 - 2019
Member of ZHSS Infocomm Club Was chosen as an audio-visual (AV) team leader in 2016 - 2017 and spearheaded the AV system for major school events such as National Day 2016.	2014 - 2017

Actively participated in many competitions such as Schools Digital Media Awards (2017), Safety Starts With Me Competition (2014), Safety With Me Competition (Animation and Short Film 2016), National Schools Digital Media Competition (2014) and Singapore Games Creation Competition (2015 - 2016).

Projects

GrindTogether

May 2023 - Aug 2023

Project for NUS Orbital Programme 2023, achievement level Apollo.

Full stack web app that allows NUS students to post study invitations based on module, faculty and location.

Frontend uses React.js + Next.js with Bootstrap 5, backend uses Node.js + Express.js with Firebase used for authentication and database.

Jeopardy

May 2023

Web app which allows users to play a simple variant of the popular trivia quiz game Jeopardy! anywhere.

Developed with React.js, questions and answers are fetched in a random manner from jService API.

Etch-A-Sketch

Dec 2022

Website which is inspired by a sketchpad and etch-a-sketch, where users can engage in interactive grid-based drawing and colouring experiences.

Developed using HTML 5, CSS and vanilla JavaScript.

Skills

Written and spoken languages

English (A for General Paper in GCE A-Level and A2 for English in GCE A-Level), Chinese (A2 for Higher Chinese in GCE O-Level)

Programming Languages

Proficient in: Python, Java, JavaScript

Have experience in: TypeScript

Frameworks

Have experience in: React.js, Node.js, Express.js, Bootstrap 5, Next.js

Version Control

Git

Web development

HTML 5, CSS

Database

PostgreSQL, Firebase Realtime Database

Data Analysis and Visualisation

RStudio, Excel, Pandas, NumPy

Software Testing

Cypress

Deployment

Netlify