

HO YONG KIAN

CONTACT:

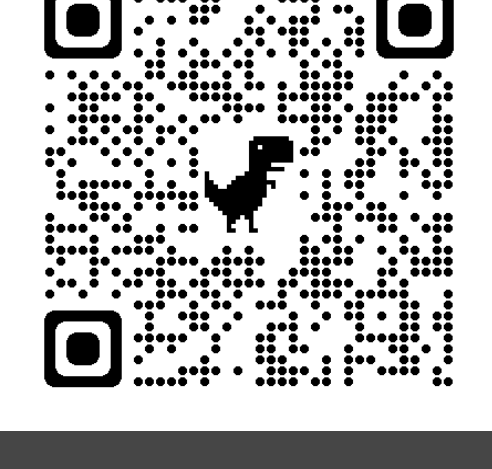
+65 8614 8018
ykho003@suss.edu.sg

GITHUB:



https://github.com/Victork2267

PORTFLIO:



https://victork2267.github.io/Personal_Portfolio/

KAGGLE:



https://www.kaggle.com/omodencode

BIO

A budding Tech & A.I enthusiast and programmer with an ever growing interest in a myriad of IT fields such as robotic process automation, data science, machine learning, deep learning and both front and backend web development. I enjoy being able to solve complex multifaceted problems faced by organisations today using different programming tools.

EDUCATION

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| JUL 2019 - JUL 2023 (expected) | Bachelor of Human Resource Management Minor in Analytics Singapore University of Social Sciences (SUSS) CGPA 4.11/5.0 |
| JAN 2015 - OCT 2016 | GCE "A" Levels St Andrew's Junior College (SAJC) Rank Point: 68/90 |

PROGRAMMING SKILLSETS

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| | Python <ul style="list-style-type: none">Data Science Applications - experience with data analysis & visualization libraries such as Bokeh, Plotly, Seaborn, Pandas, nltk, simpy and textblobMachine Learning/Deep Learning Applications - experience with building models with libraries such as Scikit-learn, Mlxtend, Tensorflow and KerasWeb Scapping & Mining Applications - experience with web scrapping libraries such as scrapy and beautifulsoapRobotic Process Automation Applications - experience with RPA libraries such as Selenium and AutomagicaWeb Development Applications - experience with web development libraries such as Flask and StreamlitAPIs - experience with in API libraries such as Alphavantage and Tweepy |
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| | SQL <p>Experience with scripting SQL in different SQL platforms such as SQLite3 and SQLalchemy</p> |
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| | Microsoft Visual Basic for Applications (VBA) <ul style="list-style-type: none">Macros & Ribbons - Experience with scripting VBA to create custom Ribbons and Macros in MS Excel, Word, Access, Outlook and PowerpointMS Sharepoint & OneDrive - Experience with scripting and connecting VBA scripts to integrate with sharepoint and onedrive environments |
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| | HTML/CSS/Javascript <ul style="list-style-type: none">Bootstrap/Tailwind - Experience with developing front-end website structure and designs with popular frameworks such as Bootstrap/TailWindNodeJS - Familiar with NodeJS framework |
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OTHER PROFICIENTS

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| Tableau | QlikView | Microsoft Sharepoint |

WORK EXPERIENCE

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| JULY 2021 - DEC 2021 | Data Analytics Intern <i>Ministry of Home Affairs</i> Human Resource Services Centre Primary Job Description: <ul style="list-style-type: none">HR Data Analytics - Conduct comprehensive analysis (clustering analysis) on multiple employee screening datasets using Python to augment the formulation of effective HR screening policies.HR Process Automation - Develop different automation applications using Python and VBA to automate multiple manpower-intensive HR data transactions and preprocessing workloads to improve efficiency |
| JAN 2020 - JUN 2020 | Research Assistant <i>Singapore University of Social Sciences</i> Centre for Applied Research Primary Job Description: <ul style="list-style-type: none">Survey Collection - Conduct research surveys on security employees under the union of security employees (USE)Research Data Analysis - Perform exploratory data analysis on research survey data for a USE study |
| JAN 2019 - JUN 2019 | Staff Assistant (Data Analysis) <i>Ministry of Home Affairs</i> Human Resource Transformation Office Primary Job Description: <ul style="list-style-type: none">HR Data Analysis - Conduct weekly exploratory data analysis and descriptive statistics reporting on HR operations data (employee CRM, medical screening) to managementWeb Dashboard Development - Develop multiple HR operations analytics dashboards using JIRA and Python to enhance data-driven HR operations and data visualisation capabilities.HR Process Automation - Develop several automation tools using VBA to streamline HR data processing and automate customised mass email sending. |

HACKATHONS & ACHIEVEMENTS

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| 2021 | <ul style="list-style-type: none">Participant - Amazon Web Services (AWS) Build On ASEAN Challenge 2021 |
| 2021 | <ul style="list-style-type: none">Participant - Singapore Civil Defence Force (SCDF) Innovation Challenge 2021 |
| 2020 | Top 6 Teams - Singapore Human Resource Insititute (SHRI) HR Virtual Hackathon 2020 |
| 2020 | <ul style="list-style-type: none">Participant - Shopee's Code League 2020 |
| 2020 | Top 10 Teams - Samsung's Solve for Tommorrow Challenge 2020 (Health & Tech Category) |
| 2019 | <ul style="list-style-type: none">Participant - Shopee's National Data Science Challenge 2019 |
| 2015 | <ul style="list-style-type: none">Participant - Challenge for Urban and Built Environment (CUBE) 2015 |

CO-CURRICULUM ACTIVITIES

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| JAN 2021-CURRENT | Volunteer (Academic Mentor) <i>TOUCH Community Services</i> Youthphoria Programme Roles & Responsibilities <ul style="list-style-type: none">Academic Mentoring - Provide tuition and academic advice (Sec 1 & 2 E-Math) to Youthphoria students to help them adjust to secondary school lifeEvent Facilitator - Facilitate and lead Youthphoria events aimed at character and values development for Youthphoria students |
| JAN 2012-DEC 2014 | Vice President <i>Robotics Club</i> St Hildas Secondary School Roles & Responsibilities <ul style="list-style-type: none">Event Planning - Facilitating pre-event (club orientations, competitions) planning and logistics to ensure smooth procession of these events |