

Dickson Kuan



About Me

A passionate IT student who aspires to be a data scientist, software developer or a solution architect. I love to analyse data to gain insights and use technology to develop meaningful solutions to improve, enhance and empower the community. Since young, I am a curious individual who loves to tinker and integrate different systems to automate and enhance daily living.

Education

Ngee Ann Polytechnic [2019 – 2022]

- GPA 3.5, Information Technology
- CCA: IT Society, Peer Helper, Badminton

ITE West [2017 – 2018]

- GPA 3.98, Social media and web development,
- CCA: EXCO for ACE Club, Photography

Tanglin Secondary School [2011 – 2017]

- 19, N(A)

Experiences

[SEP 2018 – MARCH 2019]

A*STAR I³ (IIoT),

Project Manager Assistant & Web Developer

- Developed a Website application.
- Assist my supervisor with his project to integrate different technology system together.
- To build an exhibit to showcase IoT product that A*STAR has developed.
- Manage a team of interns to facilitate learning about emerging technologies such as IIoT.

[JULY 2018]

NetDragon, Web & VR Game Developer

- Developed a VR game using NetDragon's software.
- Learn more about Web development technology in china.
- Presented the game that my team has created to the higher management to showcase the usability of the software.

Contact

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 **90256259**

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Past Projects

IT Projects

- IoT Project (Lite-Predictive Maintenance)
 - To build a device that tracks and monitor the health of a vehicle using AI, IoT and sensors.
- Data visualization project
 - Faced with a rapidly ageing population, eldercare in Singapore has become increasingly important. This project cross-analyses eldercare facilities and census information to show where more eldercare facilities may be needed in Singapore.

Community Project

- Celebrating CNY with SarahHomes
- SEA Aquarium outing with Fei Yue
- Project Sparkles by hope center

Awards & Certification

- Tay Eng Soon Scholar
- Top 12 DataVidz Competition by DataGov (2017, Team ShiMarson)
- Nominee Lee Kuan Yew Model Student/ CCA gold award
- Director List & Certificate of Merit by ITE
- Eagles award (Leadership)

Key Skills and Strength

Programming

- ASP.NET, Dockers, Node.JS, Laravel
- Data Structure Algorithm

Data analytics

- Investment
- Machine learning & Data visualization

Project Management & Presentation

Referees

1. **Mr Pan Kia Teng**
Process & Infrastructure Manager, A*STAR (I³)
pan_kia_teng@scei.a-star.edu.sg
2. **Mr Sua**
Lecturer, ITE West
sua_yu_wei@ite.edu.sg

References



<https://linktr.ee/jiameelorh>

*Website link to my testimonial, E-Portfolio, LinkedIn,
A*STAR Website project and DataGov Competition article.