



+65 8338 2157
JianQuan08@gmail.com
Singapore
LinkedIn
<https://jqwebsite.github.io/>

SKILLS



ABOUT ME

I am extremely passionate about electronics and software design. I have initiated numerous personal projects on a wide variety of topics, shown on my website. I also exercise and read during my free time.

EXPERIENCE

Admin, IT, photography, editing, programming, and research assistant
Pureland International (Aug 2021 – Oct 2021)

- Responded to support requests from end users and patiently walked individuals through basic troubleshooting tasks.
- Created accurate and successful test scripts to manage automated testing of certain products and features.
- Gathered, arranged, and corrected research data for management

Mapping Coordinator

Grab Holdings (Sep 2020 – Oct 2020)

- Generated and audited client's search request to the actual location
- Provided better search results by improving the POI (Point of Interest) database

Administrative Assistant

NOEL & HUMMING (Dec 2019 – Feb 2020)

- Collated physical documents into computer databases
- Supervised workflow to ensure accurate collection of information



EDUCATION

Electronic & Computer Engineering

Nanyang Polytechnic (GPA 3.99/4.0)
2020 – 2023

Machine Learning

Stanford University (Online course)
2021 – 2022

Flutter application development

Google Inc. (Online course)
2021

Web development

University of Michigan
2021

O-Levels

Pei Hwa Secondary School
2016 – 2019

ACHIEVEMENTS

Polytechnic

2020-2023

- Director's List
- Innovative Project Award
- Presented Project to Industry
- 1st Runner Up in Engineering Innovation Challenge
- Peer Tutoring
- DSO Diploma Scholarship

Secondary school

2016-2019

- Top 10% in studies
- Academic and Leadership (EAGLES)
- CCA Service Award

RoboCup Singapore

2016-2019

- 1st place for 2016

ALP project

2017

- Used for display
- Presented and Displayed in Maker's Faire Singapore
- Student Innovation Award

ALP project

2018

- Re-Made 2017 ALP project
- Featured in Tech Saturday (SG Celebrity & Minister)
- Publicity event for Primary School

CCA

2018-2019

- Appointed as Vice-President of Robotics
- Certificate of Service for Robotics Vice-President Role
- Certificate of Robotics for Robotics Vice-President Role

PROJECTS

View my website: <https://jqwebsite.github.io/projects.html>



TESTIMONIAL 1

Kwa Jian Quan is an honest and responsible student. He gets along well with his peers. He is motivated to improve in his academic work and co-curricular endeavours. He is eager to learn and pays attention in class in order to achieve a thorough understanding of his work. He is committed to extra hours of revision by taking the initiative to ask for extra work from his teachers.

Jian Quan is an independent learner who puts in the necessary effort to submit quality work. He is meticulous in handing in his assignments punctually. He is an eloquent speaker and communicates his ideas with confidence and poise. He puts extra effort into his work and is always ready to embrace new learning strategies.

Jian Quan takes his academic work seriously and takes the initiative to clarify his doubts to improve his understanding. He also enjoys peer tutoring his friends to help them improve on their work.

Jian Quan was an active member of the Robotics Club. He represented Pei Hwa Secondary School in several Robotics Challenges organised by different external institutions. The innovative projects have received several awards, both overseas and locally. In 2018, his team was also honoured with the Pei Hwa Student Innovation Award. As the Vice-President of the Robotics club, Jian Quan displayed commendable leadership qualities. He is a diligent and responsible student leader. He is humble and patiently guided his juniors in their work. In his free time, Jian Quan takes the initiative to enhance his interest in computer programming skills by teaching himself several programming languages. In recognition of his contributions, he was awarded the Pei Hwa Secondary School CCA/Service Award in 2019.

Despite his demanding schedule, Jian Quan devoted his time to help the less fortunate. He did not hesitate to offer his services to the school and community. In 2017, his class was involved in Community Day, a school-initiated event where he helped to run a stall to raise funds for selected voluntary welfare organisations. In 2018, he was a member of a team of students who undertook a Value-in-Action (VIA) programme, where his class taught Information Technology (IT) skills to a group of elderly for the Council for the 3rd Age (C3A). In 2019, he was involved in the Food from the Heart Charity Food Drive, where he helped to collect food donations from the neighbouring community.

Jian Quan displays the exemplary qualities of a model student. He does not hesitate to seek clarification to improve his work and is receptive to advice. He is able to keep a good balance of staying focused in his academic work while enhancing his life skills by participating actively in other school activities. He continually strives to improve himself in order to excel.



TESTIMONIAL 2

10 July 2019

To whom it may concern

Kwa Jian Quan was a member of Pei Hwa Robotics Club from 2016 to 2019. Since the day he joined the club, Jian Quan showed potential of being a capable programmer. He was part of the CoSpace Grand Prix team which focused on programming robots to complete a virtual and real racetrack in the fastest possible time and CoSpace Logistics which focused on programming an electronic arm to sort colored blocks. Through this platform, the club noticed his strong programming skills and saw his potential to perform at an advanced level. Jian Quan proved himself to be a fast learner, as he was able to pick up the advanced programming skills in short span of time. This was reflected through some of his participation and stellar achievements, which included representing the school in RoboCup Singapore Open 2016 (1st placing).

Jian Quan was appointed the Club's Vice-President in 2018. The club members had great respect for him and looked up to him as a role model as he was always providing them with support, such as troubleshooting their programs and teaching them new skills. One of Kwa Jian's biggest contribution came during the planning and executing of the RoboCupJunior CoSpace Pei Hwa Challenge, a national competition organized by our school to promote Robotics to other schools. He had to program Arduino robots and showcase to the guests and participants. He also took the initiative to design a program for potential Secondary 1 members to test and evaluate their skill level.

To further enhance his passion, Jian Quan also enrolled in the school's Applied Learning Program (ALP) interest group and contributed to the event "Tech Saturday" through coding and making of a shooting game for the carnival. The game was well received by the Guest of Honour, Dr Yaacob Ibrahim and local celebrity, Mr Romeo Tan.

Taking Design & Technology as an 'O' level subject, Jian Quan had the opportunity to learn on various technology topics such as mechanisms and electronics. Being a fast and keen learner, he was able to learn the professional 3D software "SolidWorks" with minimal guidance from the teachers and produce technical drawings for his coursework

As a leader and programmer, Jian Quan continues to work on himself to improve and he will do well in his future endeavors if he continues with this positive attitude.

Mr. RaghuRaman
Assistant Year Head (Lower Sec)
Design and Technology Teacher
Pei Hwa Secondary School