**Lawrence Chen Qing Zhao**

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Portfolio: <https://lawraisins.github.io/>

### EDUCATION

**Singapore University of Technology and Design (SUTD) Singapore**

* Bachelor of Engineering (Computer Science and Design) **Sep 2020 to Present**
* Focus Track: Cyber Security
* Holder of SUTD Merit Scholarship
* Expected Date of Graduation: May 2024

**Hanyang University Seoul, South Korea**

* Semester Exchange (Department of Computer Science) **Mar 2023 to Jun 2023**
* Machine Learning and Data Mining with R and Python, Data Science and Tourism Management

### CERTIFICATIONS

**Google Cybersecurity Certificate October 2023**

**Amazon Web Services Cloud Practitioner December 2022**

### WORK EXPERIENCES

**Hitachi Vantara LLC, Digital Insights Intern Sep 2022 to Dec 2022**

* Bridged gaps between local and remote team in SingHealth’s ODySSEY project utilizing Linux and Bash scripts.
* Intern in charge of data pipelining using Pentaho.
* Was involved in finding solutions for security issues in HDFS through the use of python and pyarrow library.
* Attended meetings with clients to better understand project management and client-facing soft skills.

**Flex Electronics, Temporary Operator May 2021 to Aug 2021**

* Worked in an assembly line to produce HP products and used power tools such as air drills.
* Performed testing of parts to ensure that they are safe to go.

**AImazing Pte Ltd, IT Operations Intern Feb 2020 to Apr 2020**

* Did daily data checks and device installation at client outlets and helped to modify SOPs and inventory management for future interns as well as regex matching and OCR correction.
* Used SQL queries on DBeaver to filter for erroneous entries in the database, with regard to sales transactions at Suntec City

**Basic Military Training Centre, Platoon Sergeant May 2019 to Nov 2019**

• Account for recruits’ attendance, progress, health statuses and personal issues

• Organised recruits’ information on Microsoft Excel to account for their dietary information and health statuses

### ACADEMIC RESEARCH PROJECTS

**Singapore University of Technology and Design Singapore**

**Triogrow (Final Year Project – Ongoing) Sep 2023 to Present**

* Multi-disciplinary project involving various areas of study to design a product that changes mindsets towards soil-based gardening.
* In charge of the digital component of the project, which is a social learning and progress tracking mobile app.

**Digital Sociology and The Future of Work, Student Researcher Spring 2021**

* Performed fact checking and literature review on digital sociology and produced learning materials.

### CO-CURRICULAR ACTIVITIES

**Cyber Defenders Discovery Camp Singapore**

**Participant May 2022 to Jun 2022**

* Learned about various cyber security threats and methods of attack and protection.
* Participated in the Capture the Flag event to apply the knowledge I learnt about Linux, Packet Sniffing (Wireshark) and Cryptography

### VOLUNTEERING

**SOSD (Save Our Street Dogs) Singapore**

**Volunteer Oct 2019 to Present**

* Walk, interact with and provide medical aid to rescue dogs.

**PLUR (Peace Love Unity Respect) Seoul, South Korea**

**Member Apr 2023 to Jun 2023**

* Walked around Seoul station with members from all over the world to distribute food to the homeless.

**Shiloh’s Sanctuary Seoul, South Korea**

**Volunteer Mar 2023 to Jun 2023**

* Helped with maintenance of facilities and interaction with senior and abandoned cats in South Korea.

**YEP=GO Chiang Mai Singapore/Thailand**

**Participant Jun 2021 to Aug 2021**

* Planned and prepared lessons and activities for students in Chiang Mai to learn English via Zoom

### SKILLS

* Technical Skills: Python, Linux, Java, JavaScript, SQL, Docker, HTML, CSS, Amazon Web Services, Google Cloud Platform, Microsoft Office, Wireshark
* Soft Skills: Supportive, Good Listener, Open Mindset, Adaptable, Attention to Detail, Security Mindset, Passion for Community
* Language Proficiency (English, Chinese, Japanese (Intermediate), Korean (Elementary), Burmese (Elementary))