

# Blake Tan Ting Yu

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## EDUCATION

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### National University Of Singapore (NUS)

Sophomore

*Bachelor of Computing in Computer Science, Honours (Distinction)*

*Aug. 2020 – Dec. 2023 (Expected)*

### Temasek Polytechnic

GPA: 3.83/4.0

*Diploma in Digital Forensics with Merit (Bronze Medalist)*

*Apr. 2015 – May 2018*

## WORK EXPERIENCE

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### Visa Inc

Singapore

*Software Engineer Intern*

*May. 2022 – Aug. 2022*

- Developed 4 job flows that are scheduled periodically to remediate and report job failures in Visa Resolve Online (VROL)'s QA environments using CloverDX, Bash Scripting and SQL
- Decreased server downtime by 30%, manual troubleshooting, facilitating the VROL Team amounting to 100 over developers & testers working in these environments
- Supported VROL's testing and engineering process by executing test cases according to functional specification and automated test scripts using Selenium, SoapUI & Postman

### National University of Singapore (NUS)

Singapore

*Undergraduate Teaching Assistant*

*May. 2022 – Aug. 2022*

- Managed a group of 53 students doing their Student Internship Program (SIP), assisted the professors by reviewing the students' monthly reports and attending their final presentations

### United Overseas Bank (UOB)

Singapore

*Core Business Technology Intern*

*May. 2021 – Aug. 2021*

- Developed and scheduled 10 jobs to automate processes for 3 different applications in 3 different servers, cutting down time spent on repetitive manual work by 40%
- Established communication between the different applications using IBM MQ, automated reporting of failure in the logs by formulating Splunk queries and containerised applications using Docker

### Centre for Strategic Infocomm Technologies (CSIT)

Singapore

*Research and Development Engineer Intern*

*Nov. 2017 – Feb. 2018*

- Developed a malware detecting tool for Android smartphones, alerting users whenever there are changes made to files containing sensitive information, with a detection accuracy rate of 70%

### Certis Cisco

Singapore

*Penetration Tester/Research and Development Engineer Intern*

*Sep. 2017 – Nov. 2017*

- Developed a Red Teaming toolkit what simulates cyber attacks, providing assessment on how trained the enterprise users are on cyber security awareness and how hardened, protected the systems are

## PROJECTS

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### McKitchen | Java, JavaFX, JUnit5

Feb. 2022 – May. 2022

- Developed a CLI-centric recipe book application for a school project

### Personal Portfolio Website | GatsbyJS, ReactJS, HTML, CSS, JavaScript

Dec 2021 – Present

- Developed an interactive portfolio website to showcase my achievements and upcoming personal projects

## TECHNICAL SKILLS

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**Languages:** Java, Bash, Python, C, C++, SQL, JavaScript, PHP, HTML, CSS

**Frameworks:** React, JUnit

**Developer Tools:** CloverDX, Git, Docker, VS Code, Visual Studio, IntelliJ, Eclipse, SoapUI, Postman, Splunk

## AWARDS

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**Honors & Awards :** Participant in STANDCON 2022, BrainHack 2021 & 8th Singapore Cyber Conquest 2017, CSIT Scholarship AY2015/2016 & AY2017/2018, Director's List AY2015/2016 and AY2016/2017

**Certification :** Linux Redhat Certified System Administrator (RHCSA)