

# Blake Tan Ting Yu

[blaketantingyu@gmail.com](mailto:blaketantingyu@gmail.com) | [linkedin.com/in/blaketantingyu](https://linkedin.com/in/blaketantingyu) | [github.com/blaketingyu](https://github.com/blaketingyu)

## EDUCATION

<b>National University Of Singapore (NUS)</b> <i>Bachelor of Computing in Computer Science, Honours (Distinction)</i>	Sophomore <i>Aug. 2020 – Dec. 2023 (Expected)</i>
<b>Temasek Polytechnic</b> <i>Diploma in Digital Forensics with Merit (Bronze Medalist)</i>	GPA: 3.83/4.0 <i>Apr. 2015 – May 2018</i>

## WORK EXPERIENCE

<b>Visa Inc</b> <i>Software Engineer Intern</i>	Singapore <i>May. 2022 – Aug. 2022</i>
<ul style="list-style-type: none"><li>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</li><li>Decreased server downtime by 30%, manual troubleshooting, facilitating the VROL Team amounting to 100 over developers &amp; testers working in these environments</li><li>Supported VROL's testing and engineering process by executing test cases according to functional specification and automated test scripts using Selenium, SoapUI &amp; Postman</li></ul>	
<b>National University of Singapore (NUS)</b> <i>Undergraduate Teaching Assistant</i>	Singapore <i>May. 2022 – Aug. 2022</i>
<ul style="list-style-type: none"><li>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</li></ul>	
<b>United Overseas Bank (UOB)</b> <i>Core Business Technology Intern</i>	Singapore <i>May. 2021 – Aug. 2021</i>
<ul style="list-style-type: none"><li>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%</li><li>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</li></ul>	
<b>Centre for Strategic Infocomm Technologies (CSIT)</b> <i>Research and Development Engineer Intern</i>	Singapore <i>Nov. 2017 – Feb. 2018</i>
<ul style="list-style-type: none"><li>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%</li></ul>	
<b>Certis Cisco</b> <i>Penetration Tester/Research and Development Engineer Intern</i>	Singapore <i>Sep. 2017 – Nov. 2017</i>
<ul style="list-style-type: none"><li>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</li></ul>	

## PROJECTS

<b>McKitchen</b>   <i>Java, JavaFX, Junit5</i>	Feb. 2022 – May. 2022
<ul style="list-style-type: none"><li>Developed a CLI-centric recipe book application for a school project</li></ul>	
<b>Personal Portfolio Website</b>   <i>GatsbyJS, ReactJS, HTML, CSS, JavaScript</i>	Dec 2021 – Present
<ul style="list-style-type: none"><li>Developed an interactive portfolio website to showcase my achievements and upcoming personal projects</li></ul>	

## TECHNICAL SKILLS

**Languages:** Java, Bash, Python, C/C++, SQL, JavaScript, HTML/CSS  
**Frameworks:** React, JUnit  
**Developer Tools:** CloverDX, Git, Docker, VS Code, Visual Studio, IntelliJ, Eclipse, SoapUI, Postman, Splunk

## AWARDS

**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)