

Blake Tan Ting Yu

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EDUCATION

National University Of Singapore (NUS)

Sophomore

Bachelor of Computing in Computer Science

Aug. 2020 – Jun. 2024 (Expected)

Relevant Coursework: Programming Methodology, Object Oriented Programming, Data Structures and Algorithm, Software Engineering, Database Systems

Temasek Polytechnic

GPA: 3.83/4.0

Diploma in Digital Forensics with Merit (Bronze Medalist)

Apr. 2015 – May 2018

Relevant Coursework: Application Forensics, Network Security, Fraud investigation and Audit, Enterprise Networking, Server Administration, Secure Web Application Development

EXPERIENCE

Undergraduate Teaching Assistant

May. 2022 – Present

National University of Singapore (NUS)

Singapore

- Assisted the professors in managing students taking the Advanced Technology Attachment Programme (ATAP) and Student Internship Programme (SIP)

Software Engineer Intern

May. 2022 – Present

Visa Inc

Singapore

- Develop and automate test cases that will test a specific functionality
- Ensure that the results are mapped to the expected results and Log defects to ensure that the defects are fixed

Core Business Technology Intern

May. 2021 – Aug. 2021

United Overseas Bank (UOB)

Singapore

- Assisted in change request, project testing and delivery and developed Scripts to monitor jobs and transaction logs
- Assisted the Business Analyst Department, Incident/Quality management and Software Development/Life Cycle

Research and Development Engineer Intern

Nov. 2017 – Feb. 2018

Centre for Strategic Infocomm Technologies

Singapore

- Researched on the file systems of Android Phones, specifically the Data partition where majority of the user's personal data and settings resides
- Developed a tool which detects the presence of Android Malwares by identifying commonly targetted files

Penetration Tester/Research and Development Engineer Intern

Sep. 2017 – Nov. 2017

Certis Cisco

Singapore

- Tasked to develop a Red Teaming toolkit, aimed to simulate cyber attacks, provides assessment on how trained the enterprise users are on cyber security awareness and how hardened, protected the systems are
- Made use of "Macro" and "Macro-less" attacks to infect the victim's computers which would run a stager and turn the host PC into a zombie PC

Security Operation Center Analyst Intern

May. 2017 – Jun. 2017

TP-IBM Security Operation Centre

Singapore

- Worked alongside IBM security professionals and received unique hands-on experience in all aspects of cyber security monitoring and analysis

PROJECTS

McKitchen | *Java, JavaFX, Junit5*

Feb. 2022 – May. 2022

- CLI-centric recipe book application. A CS2103T-brownfield project that our team morph into a recipe book application. Our team primarily utilized breadth-first iteration planning

Personal Portfolio Website | *ReactJS, HTML, CSS, JavaScript*

Dec 2021 – Jan 2022

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

TECHNICAL SKILLS

Languages: Java, Bash, Python, C/C++, SQL (Postgres), JavaScript, HTML/CSS

Frameworks: React, JUnit

Developer Tools: CloverDX, Git, Docker, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse

AWARDS

Director's List: AY2015/2016 and AY2016/2017

Scholarships : Centre for Strategic Infocomm Technologies Scholarship from AY2015/2016 to AY2017/2018