

Zara Teo Xiao Xuan

Networks Engineer, UX/UI Designer

CONTACT

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PROFILE

Professional network and systems engineer who has over 2 years of experience designing and managing networks, security and server infrastructure. Mentored new engineers, resolved escalated issues and implemented solutions to complex business needs.

EDUCATION

DIPLOMA IN INFOCOMM AND SECURITY

Nanyang Polytechnic
2019 - 2022

'O' LEVELS

Zhonghua Secondary School
2014 - 2017

KEY SKILLS

Network Security



Network Architecture



Cybersecurity



Critical Thinking



Communication



Team leadership



CERTIFICATIONS

CCENT / 2019 / Cisco

CCNA / 2020 / Cisco

CCNP / 2021 / Cisco

OSCP / 2022 / Offensive Security

PROFESSIONAL EXPERIENCE

INTERN

GovTech / Singapore / Mar 2021 – Sep 2021

- Troubleshooting TCP dumps and packet capture analysis
- Proactively monitor 200+ network devices and servers to detect and resolve issues before services are impacted
- Deploy and maintain firewalls from different vendors including next-generation firewalls and site-to-site VPNs
- Implemented SNMP solutions to monitor more than 113 network devices across 15 different locations

PART TIME STUDENT ASSISTANT

Nanyang Polytechnic / Singapore / 2019 - 2022

- Installation, engineering and maintenance of enterprise grade software and firewalls for more than 1000 small units and 20 main units
- Helped to manage a critical, business impact 24x7x365 large scale network
- Implemented next-generation network architectures
- Implement and maintain layer 2 and 3 services such as VLAN, STP and VTP
- Helped keep systems and server up to date

AWARDS

SEMI-FINALIST / 2016 / *Julia Gabriel's Singapore Secondary School Debating Championships*

BRONZE / 2019 / *Cyber Defenders Discovery Camp (CDDC)*

DIRECTOR'S LIST / 2019 / *Nanyang Polytechnic*

ACADEMIC ACHIEVEMENTS

Nanyang Scholarship Recipient
(2019 - 2022)

Edusave EAGLES Award (2015)

Edusave Good Progress Award
(2015)

Edusave EAGLES Award (2013)

Edusave Certificate of Academic
Achievement (2011)

ONLINE

PORTFOLIO

<https://zaramichaela.github.io/>

LEADERSHIP POSITIONS

VICE-PRESIDENT / PRESIDENT

Zhonghua Secondary School / ELDDS / 2015 - 2017

- Schedule and coordinate meetings, appointments, and CCA sessions for all CCA members and Executive Committee members
- Wrote scripts for short plays and for our Singapore Youth Festival showcase
- Created various props and backdrops for different showcases
- Communicate with school leaders and CCA teachers on the CCA's progress and any issues or potential issues
- Manage travel and expense reports for department team members

HEAD OF PUBLICITY DEPARTMENT

Zhonghua Secondary School / Student Council / 2016 - 2017

- Take photographs for school events and showcases
- Organize Student Council camps, Publicity outings and bonding time
- Do content creation in the form of write-ups, photography editing and video editing

VOLUNTEERING EXPERIENCE

BEFRIENDER

Helping Joy / 2019 - Present

- Spend time with an elderly lady from Orange Valley Nursing Home
- Organize and plan various weekly outings for the elderly

TUTOR

St Peter's Church / 2018 - 2019

- Tutored less-privileged primary and secondary school students
- Helped out in a reading program for kids aged 2 to 12
- Coached and motivated students to aim high and do well in school