

BRANDON POON

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PROFILE

I am currently a polytechnic student studying a diploma in Infocomm & Security in Nanyang Polytechnic. Some of my traits are include resourcefulness as well as commitment which proves to be useful in all of my daily responsibilities.

SKILLS & ABILITIES

Web Design, HTML & CSS, C#, Python, Cisco Packet Tracer, MySQL, JavaScript

PROJECTS

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| Oct 2022 – Feb 2023 | <p>Internet of Things Project</p> <ul style="list-style-type: none">• Development of a software application that leverages on data collected from sensors for control, reporting and management purposes• Operation and code of a Raspberry Pi and connection to WinForm• Created a smart locker system prototype whereby the relevant sensors are coded for specific functionalities |
| Apr 2022 – Aug 2022 | <p>Systems Security Project</p> <ul style="list-style-type: none">• Development of an e-commerce website with the inclusion of security to secure against the OWASP Top 10 vulnerabilities• Implemented a login validation whereby application blocks unregistered users from suspicious sources and prompts for reset of password if unfamiliar login |
| Oct 2021 – Jan 2022 | <p>App Development Project</p> <ul style="list-style-type: none">• Development of an e-commerce website for a retail company• Implemented CRUD and complete validation for event management• Connection to SQL database and all related activities |

EDUCATION

2021 – Ongoing Diploma in Infocomm and Security, Nanyang Polytechnic

2016 - 2021 GCE O-Level, Orchid Park Secondary School

LEADERSHIP

I am currently holding an EXCO role in my CCA, Nanyang Polytechnic Students' Union. As an EXCO, my role responsibilities include maintaining the face of the CCA towards not only the student body but also to external organisations. Apart from administrative work, I am also in charge of upskilling the student body and event planning to aid in my goal.