



Ervin Lee

Cybersecurity Student • Software Engineer

Passionate and hardworking third-year diploma student majoring in cybersecurity. Previously worked as an intern at the Digital and Intelligence Service (DIS) specialising in green teaming and DevOps. Aspiring to pursue a career in software engineering to develop innovative and impactful solutions for public good and cybersecurity.

Working Experience

March 2023 - August 2023



Cyber Range Assistant

Digital and Intelligence Service (DIS) • Military Service Internship

Utilised Infrastructure-as-Code (IaC) to develop a set of scripts capable of automating the configuration and provisioning of cyber range infrastructures at efficient rates.

Assisted in the preparation for the Critical Infrastructure Defense Exercise (CIDE) 2023 at the National University of Singapore (NUS).

Configured the Windows Active Directory on the cyber range network and developed automation scripts to export and import Group Policy Objects (GPOs) into Windows clients to be used for exercises.

Ansible Terraform DevOps Networking Sysadmin Virtualisation



Education

April 2021 - Present

Singapore Polytechnic

Diploma in Cybersecurity and Digital Forensics

Relevant Modules

Web Development Ethical Hacking Digital Forensics Microsoft Windows
Security Policy & Incident Management Networking Data Structures & Algorithms

Clubs and Positions

President of Gryphons SIG (Student Interest Group), Head of Research and Development in SP SOCA (School of Computing Ambassadors), Organising Committee of Lag and Crash 3.0 Capture-The-Flag (CTF) 2023

2017 - 2020

Anglo-Chinese School (Barker Road)

GCE O-Levels

Clubs and Positions

Vice-President of Digital Media (Photography), Cyber Wellness Ambassador



Projects

Flight Booking Website

Full-stack website with flight searching and booking capabilities. Assessment project for back-end web development in polytechnic.

Express MySQL HTML / CSS JavaScript

Portfolio Website

Self taught modern web development frameworks to develop a personal portfolio website to showcase projects and work experiences.

React Chakra UI JavaScript Next.js



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perspective



Singapore



Languages

Python JavaScript C# HTML / CSS SQL



Skills & Tools

Web Development Frameworks

React Tailwind CSS Chakra UI
Next.js EX Express Bootstrap

DevOps

Git GitLab Ansible
Terraform

Cybersecurity

Kali Linux PowerShell Windows AD
VMWare Docker Metasploit



Certifications

Issued October 2022

Organisational System Security Analyst (OSSA)

ThinkSECURE Pte Ltd