

YINGXIANG CHONG

CYBERSECURITY ENTHUSIAST • FLEDGLING SOFTWARE DEVELOPER

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EXPERIENCE

Marketing Intern

January 2020 - June 2020

Kinneret Innovation Center (Kinneret, Northern District, Israel and Remote, Singapore)

- Wrote a Python script with requests and BeautifulSoup to scrap data from a website for market research
- Laid the foundation of the startup's new website on Wix to replace the previous version hosted on WordPress
- Produced, shot and edited a marketing video

Freelance Sailing Instructor

Jul 2020 - Present

Changi Sailing Club (Singapore)

- Instructed clients in basic sailing
- Communicated learning objectives in a clear and concise manner
- Worked with people ranging from children to adults

Video Editor

May 2019 - June 2019

National Institute of Education (Singapore)

- Decided on shots sequence and motion graphics to tell stories to engage over 900 student teachers and teachers on new teaching practices

Marketing Intern

March 2014 - August 2014

Song Be Golf Resort (Binh Duong, Vietnam)

- Developed proposals and designed marketing materials that improved sales by 5%
- Shot and edited photographs to revamp the company website
- Wrote and designed a club newsletter to engage over 100 club members

COURSES

Rocket Academy Coding Basics

July 2021 - August 2021

Rocket Academy (Remote, Singapore)

- Beyond syllabus, designed a showcase of course projects and exercises using HTML and Bootstrap, deployed with GitHub Pages
- Worked on three milestone projects that demonstrated understanding of course content
- Wrote more than 1000 lines of JavaScript to apply Functions, Conditionals, Program State, Arrays, Loops and Objects
- Used Visual Studio Code, Git-Bash, Git, GitHub and Chrome Dev Tools
- Applied development strategy, debugging and pair programming

LearnHack

May 2021 - June 2021

The Cyber Assembly (Remote, Singapore)

- An online learning platform that uses a flipped classroom format and labs
- Learnt Fundamentals of Operating Systems, the Internet and Pentesting Tools

MH8300 Discreetly Discrete Math

January 2021 - May 2021

Nanyang Technological University (Singapore)

- Learnt Modular Arithmetic, Cryptography, Graphs, Trees and their related algorithms

Practical Ethical Hacking

June 2020 - July 2020

The Cyber Mentor (Remote, Singapore)

- Introduction to Networking including Ports and Protocols; IP Addresses; MAC Addresses; OSI Model; Subnetting; TCP, UDP and the Three-Way Handshake
- Introductory Linux and Python
- Hacking Methodology including Reconnaissance and Information Gathering; Scanning and Enumeration; Exploitation Basics;
- Introduction to OWASP Top 10
- Active Directory Overview and built Active Directory lab
- Used Kali Linux, Greenshot and VMWare

SQL from A to Z Track

April 2020 - June 2020

LearnSQL (Remote, Singapore)

- SQL Basics, retrieve data from an SQL database and build simple reports
- Standard SQL Functions, process numerical, text, and other types of data
- Data in SQL, UPDATE, INSERT, and DELETE commands, and combined them with NULLs and JOINS

HG2051 Language and Computer

August 2019 - November 2019

Nanyang Technological University (Singapore)

- Wrote Python to understand Functions, Conditionals, Loops, Arrays, Dictionaries, Objects, Regular Expression
- Worked on weekly assignments, a capstone project and an in-person timed coding assessment
- Learnt how linguistics can use Python for data analysis and machine learning
- Used Jupyter Notebooks, Python NLTK, requests and re modules

COMPETITIONS

- Cyber Defenders Discovery Camp, June 2021
- CSIT The Infosecurity Challenge, July 2020
- Stack the Flags, June 2020
- Cyber Defenders Discovery Camp, May 2020

EDUCATION

- Bachelors of Communication Studies, Nanyang Technological University, 2021
- Business Studies, Ngee Ann Polytechnic, 2015

SKILLS

- Linux Command Line
- Software Development
- Ethical Hacking Methodology

KEYWORDS

Linux • Virtual Machines • VMWare • Virtual Box • VSCode • Vim/Vi • Git • GitHub • Python • Bash • HTML • CSS • JavaScript • SQL • Markdown

LANGUAGES

- English (native)
- Chinese (spoken and written)