RESUME

Basic Information

Name ：	Shiang-Yu Ho (Male/Single)
Age：	33 years old (born in 1987)
Height：	176 cm
Weight：	80 kg
Military service :	R&D alternative service retired
Can work day :	Any time now

Contact Information

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Contact time :	At any time
Contact ways：	Email/mobile/home phone

Education Background

Education Level :	Master of Science in Electrical Engineering(Information Engineering)
Education Information :	1. 2010/09 – 2014/06, Master of Science in Electrical Engineering(Information Engineering), National Taiwan Ocean University 2. 2005/09 – 2009/06, Bachelor in Information Engineering, Ching Yun University 3. Tse Shu High School 4. Longtan Junior School / Taipei Min Tsu Junior School 5. Berkley Normal Middle School, New Zealand
Research Expertise :	Major： Python Automation, Information Security Minor： Computer Network
Contests :	1. Silver medal in Science Exhibition, and Honorable Mention in Applied Science category, Taipei Min Tsu Junior School (1999)

Research Project/ Thesis **1 :**

Topic：	An in-depth analyses to Android malware behavior				
University :	National Taiwan Ocean University	Advisor :	Chun-Ying Huang Hsuan-Wei Huang	Year completed :	2014/07
Abstract	Android's market share in recent years has been on the increase, the number of Android applications also increased, but followed by a number of Android malware is also increasing rapidly, it is increasingly important to detect malware. Most malware detection method is to use signatures to detect malware. But malware signatures to be able to faithfully reflect the behavior of this malware are still open to discussion. In this paper, in-depth analysis of the results obtained are : a malicious program detected by the same signature, and the same detection rules can faithfully reflect the behavior of malicious programs. But there are 25% of the detection rules with no malicious acts. Whether to keep or remove the rules of non-malicious behavior, the detection rates for malware is also between 96.15% to 100%. The false positive rate is between 0% to 1.54%. Except for certain case, the false positive rate can rise up to 9.23%. The impact is not great under normal circumstances.				

Research Project/ Thesis 2 :

Title	Application Flash show cryptographic methods: hash function				
University :	Ching Yun University	Advisor :	Wang Quan Qi	Year completed :	2008/05

Language

Chinese : Listen：Proficient, Speak：Proficient, Read：Proficient, Write：Proficient

English : Listen : average, Speak：average, Read：average, Write：average

Work Experience

Ingrasys/Foxconn（2018/11 ～ 2019/10）			
Industry :	Computer and peripheral equipment manufacturing	Salary :	NTD51,360
Work content :	Production test program development and import into production line.	Nature of work:	Product Test Program Development
Company size:	900 workers		

VOLKTEK（2014/11 ～2017/10）			
Industry :	Internet and computer related	Salary :	NTD42,000
Work :	Switch Firmware and product test program maintenance.	Nature of work:	Firmware, Production Test Program
Company size:	100 workers		

Skills Expertise

Computer skills :

1. Test skill: Product test program automation
2. Programming language: Python 2/3, C/C++, Visual Basic 6.0, Linux Script, Windows Batch
3. Operating System: Linux, Windows
4. Virtual System: Vmware, VirtualBox

Pro License: EC-Council Security 5, Fluke Networks CCTT

English License: STYLE Level 3

Project Experience

Ingrasys/Foxconn: C2050 product test program automation, G50 product test program

YUDEN-TECH: Access sensor data by RS-485

VOLKTEK:

Switch U-boot: Double Image, Auto Multiple Download

Switch Run-Time: Dual Homing, Dual Homing LPT mode, VLAN, VLAN Convert mode, Cable Test, Share Firmware, Switch L ock, Port Security

Search of the job categories: Product Test Program, Automated Test, Software QA

Autobiography

My family lives in Longtan District, Taoyuan City. Because of my farther longtime working in the Chung Shan Institute of Science & Technology engaged in cutting-edge defense technology research and development work, I was inspired by high technology and grew up in high technology environment. I am very much interested in it. After graduating from Master of Science in Electrical Engineering(Information Engineering), Taiwan Ocean University, I started my military R&D substitution services in VOLKTEK company and worked as a software engineer for three years. I was responsible for the development of Switch Firmware, Debugging and product testing programs in VOLKTEK company. In the Switch Firmware, I developed the Cable Test function and so on. In debugging, I found and solved various bugs with my team. As for the testing program, I improved the testing process and the program performance of the production testing program. So that the execution time of testing program has been reduced by half. In charge of the production process, it also allows me to have good communication with the factory working people. During the working period of VOLKTEK, I connected the access control system of Hsinchu Branch with the Taipei head office so that we can input the attendance information correctly.

After my military R&D substitution services, I transferred to the IOT Department of the YUDEN-TECH company and worked as AI software engineer. The content of my work includes the data transmission control box from all kinds of sensors (such as temperature, humidity, dew point, wind speed, etc.) to the Server. The main purpose of the control box is to read the sensor data through RS-485 and upload to Server via WiFi or LAN and receive commands from WiFi or LAN to RS-485 for execution by the PLC or associated controller.

During YUDEN-TECH working period, I was responsible for setting up the company's network environment and Server's network environment. I divided the original Server's Internet settings into internal and external networks to increase security.

My master's thesis topic is “In-depth Analysis of Android Malicious Program Behavior” which is mainly through the anti-compiled Android Byte Code to understand the relevant malicious program behavior. During my university period, I cooperated with the University to promote information security and obtained the safe Integration of the information, communication, and Applied Learning Program and EC-Council Security 5 certificate. It enables me to have a major in information security.

I have the habit of gym workout and regular exercise in my spare time. This help me to forge a strong body and perseverance. It also enables me to persevere in my work. I attended the community activities of computer study clubs in my university period and gave me views and understanding on computers and other high-tech Products. In addition, the participation in the community activities also allowed me to get along with people of different personalities. So that I can always get along well with other people.

I am currently in search of the job vacancies of Product Test Program, Automated Test, Software QA and other related fields and am very much interested in them. I believe that with my professional knowledge and work experience I learned in the past, as well as fitness forge in the spirit of doing things, if your company can offer interviews, I will certainly go all out to meet your company's requirements.