

Hsuan-Ming Chen

IT SECURITY · MACHINE LEARNING · CLOUD COMPUTING

Taichung City 406, Taiwan

☎ (+886) 987-817-857 | ✉ chming1016@gmail.com | 📠 chming1016 | 📧 chming1016 | 📧 chming1016

Education

Master of Business Administration in Information Management

Kaohsiung, Taiwan

NATIONAL SUN YAT-SEN UNIVERSITY (NSYSU)

Sep. 2015 - Jun. 2019

- Big Data Intrusion Detection Using Cluster Computing

Keywords: Big Data, Virtualization, Cluster Computing, Intrusion Detection System, Cyber Security

Master of Science in Informatics: Engineering & Management

Linz, Austria

JOHANNES KEPLER UNIVERSITÄT LINZ (JKU)

Sep. 2017 - Apr. 2019

- Migrating Mathematical Programs to Web Interface Frameworks

Keywords: Remote Application Platform, Java, Web, Migration

Bachelor of Business Administration in Information Management

Nantou, Taiwan

NATIONAL CHI NAN UNIVERSITY (NCNU)

Sep. 2011 - Jun. 2015

- On the Design and Implementation Reaction Mechanisms of a Intrusion Detection and Prevention System in Linux Kernel-level

Keywords: Virtual Machine, Virtual Machine Monitor, Intrusion Detection and Prevention System, Linux Kernel

Skills

Programming Python, Java, R

Linux Shell Script, Docker, Hadoop, Spark, Kafka, Elasticsearch, MongoDB

Operating System Ubuntu, MacOS

Languages Mandarin (Native), Taiwanese (Native), English (Fluent), German (Basic), Japanese (Basic)

Leadership & Laboratory Experience

Graduate Researcher in Intelligence Defensive System Laboratory

Kaohsiung, Taiwan

DEPARTMENT OF INFORMATION MANAGEMENT, NSYSU

Sep. 2015 - Jul. 2017

- Evaluated security incident logs from Checkpoint and ArcSight about Advanced Persistent Threats (APT).
- Migrated Hadoop and Spark clusters from virtual machines to Docker environment and increased over 50% performance.
- Systemized a high throughput pipeline with Fluentd, Kafka, Spark, MongoDB clusters on Docker to analyze ITB real-time log data.

Teaching Assistant of Cloud Computing

Kaohsiung, Taiwan

DEPARTMENT OF INFORMATION MANAGEMENT, NSYSU

Sep. 2016 - Jan. 2017

- Graded assignments for over 30 graduate students and advised 8 groups of final project presentation.

Trainee

Kaohsiung, Taiwan

ADVANCED INFORMATION SECURITY SUMMER SCHOOL (AIS3), TAIWAN MINISTRY OF EDUCATION

Aug. 2016 - Aug. 2016

- Enhanced practical skills through the sharing and exercise of experience in information security practices and actual combats.

Teaching Assistant of Network Security

Kaohsiung, Taiwan

DEPARTMENT OF INFORMATION MANAGEMENT, NSYSU

Feb. 2016 - Jun. 2016

- Deployed and maintained a CTF platform by using Docker and organized a CTF competition for over 30 graduate students.
- Designed, built and collected over 20 CTF challenges in Web, MISC, Cryptography and Steganography.

Teaching Assistant of Operating System

Kaohsiung, Taiwan

DEPARTMENT OF INFORMATION MANAGEMENT, NSYSU

Sep. 2015 - Jan. 2016

- Conceived and graded exam questions for over 50 undergraduate students and advised 10 groups of final project presentation.
- Designed and presented 16 personal seminars and 2 exam preparation sessions on special topics.

Honors & Awards

May 2017 **The Honor Mention Award**, TCAT CTF Competition

Taiwan

Dec. 2016 **The Premium Award**, Big Data Competition for College Students

Taiwan

Aug. 2016 **2nd/75**, Advanced Information Security Summer School (AIS3) Competition Final

Taiwan