Zi He GOH

(65) 9236 5562 | zihe.goh@gmail.com | Github

"Putting the U and I in security"

Budding security enthusiast who spends his free time solving challenges on TryHackMe.
Aspire to find and submit his own CVEs in the future.

Experience_____

BT Singapore
Security Consultant

Singapore | Malaysia
Jun 2019 - Present

- Delivered various proof-of-concept (POC) projects for clients across industries:
  - Security Orchestration, Automation and Response (SOAR) product demonstration.
  - Interactive log visualizer using Elastic search and Kibana (ELK) stack.
- Experienced in PAM solutions:
  - Certified in BeyondTrust Password Safe product within one month for an overseas deployment.
  - Develop in Python, AutoIt automation script for deployment in AWS and Password Safe.
  - Coordinated with stakeholders to migrate 4 platforms with thousands of accounts and servers.
- Designed, developed a C# Windows form application along with testing for the application.
- Test, deploy and troubleshoot custom scripts, OS and application patches in customer's environment.

DBS Bank
Technology Executive

Singapore
Aug 2018 - May 2019

- Gathered required artifacts and coordinated with infrastructure teams for production deployment.
- Worked closely with developers to debug and fix backend systems, tested features on UAT environments.
- Worked on jQuery/jsp to create features for online web forms.

Acronis
R&D Intern

Singapore
Mar 2018 - Jul 2018

- Developed testing code in Python for Active Protection and implemented features in C++.
- Coordinated with different teams to ensure end products fulfill requirements.
- Researched extensively on malicious software behavior to implement protection features.

NExT++ Research Center
R&D Intern

Singapore
Aug 2017 - Feb 2018

- Implemented RESTful API server using Python Flask for video annotation tool.
- Set up an Nginx server for deploying a web application in cloud.
- Cleansed data and built a machine learning project using SciKit-Learn.
- Fixed bug and launched feature in AngularJS.

Education_____

Singapore Institute of Technology - DigiPen Institute of Technology
B.S. in Computer Science in Real-time Interactive Simulation

Singapore
Sep 2014 - Apr 2018

Skills_____

- Operating Systems: Windows, GNU/Linux, *BSD
- Programming Language: Python, C/C++, C#, Java, Bash, Powershell
- Web Hacking: Burp suite, NMap, WireShark, Metasploit
- PAM: BeyondTrust Password Safe
- Reverse Engineering: Ghidra, OllyDbg, r2, Cutter, Binary Ninja, Java Decompiler
- Visualisation: Elasticsearch/Logstash/Kibana, Python Dash, Matplotlib
- SOAR: Palo Alto Cortex XSOAR, FireEye Security Orchestrator, DFLabs IncMan
- Database: MySQL, MS SQL

Activities_____

Private Tutoring   Oct. 2020 - Present
- Conduct online and in-class lessons with working professionals, tertiary students.
- Guide students to think critically to solve programming related problems.
- Provide introductory training on Python, Java, C++.

TryHackMe   Aug. 2020 - Present
- Complete challenges to enrich my understanding of different security domains.
- Actively participating in various training and currently at level 6.