

Phil Huang comes from Taiwan. He works for Edgecore Networks as a solution engineer and be in charge of open networking technicals PoC design, handling and representing it with the worldwide sales teams (including APAC/EMEA/UAE/Greater China team). He is an active engineer and has 7+ years experiences from B.S. on IaaS domain knowledge, and also contributes numbers of opensource projects on GitHub. The primary programming languages are Python and Ansible. He has lots of experiences in public community and business presentations, talking about the trend of SDN/NFV and technical details in Taiwan/US/Japan/China; until 2017, he had spoken in 29 presentations. So far, he is working on a project, based on OpenShift infrastructure which needs to integrate with Big Cloud Fabric product from BigSwitch Networks.

SKILLS

Open Networking

Master

sdn&nfv

netdevops

solutions integration

Linux

Master

ubuntu

centos

archlinux

DevOps

Advanced

docker

ansible

python

ci/cd

agile

iac

IaaS

Advanced

vmware

proxmox

openshift

openstack

WORK EXPERIENCE (2)

▼ Open Networking Solution Engineer | Edgecore Networks

July 2016- Current

<http://www.edge-core.com>

Proactively scopes Open Networking technical solutions required to address customer requirements, assesses customers’ met and unmet needs, and recommends solutions that optimize value for both the client and the firm to make PoC successful

- Technical support and represent for CumulusLinux / Pica8 / BigSwitch / SONiC / CORD solutions
- Secures from customer technical staff commitments needed to ensure a deal’s “technical close”
- Provides coaching and professional development to team member associates to enhance their product knowledge, technical acumen, and technical skills

Technical Lead | Computer Center, CS, National Chiao Tung University

September 2013- April 2016

<https://www.cs.nctu.edu.tw/cchonor/>

- Plan technical roadmap for building new infrastructure
- Lead team member to improve services and develop the new one

VOLUNTEER

▼ Ambassador Steering Team | Open Networking Foundation

September 2017 - Current

<https://ambassadors.opennetworking.org/about/>

The ONF Ambassadors Program is designed to empower anyone who is passionate and knowledgeable about ONF to promote the ONF’s projects like ONOS or CORD in their region and build a strong local community around it. The Ambassador Steering Team is tasked to ensure that the Ambassadors program runs smoothly and that Ambassadors are fully supported.

- Oversee and support ONOS/CORD ambassador activities
- Represent ONF's projects and teach
- Serve as advisors in strategic decision-making at the organizational level

▼ Co-Founder | SDNDS-TW

August 2014 - Current

<https://www.facebook.com/groups/sdnds.tw/>

SDN Developer Society (SDNDS-TW) is a local SDN developer community at Taiwan. The main purpose is to create an opportunity for SDN developers to communicate with each other. Everyone can share any information about SDN in the community.

- Promote Open Networking concept locally
- Support and cooperate with others communities (e.g. CNCF, OpenStack, DevOps, Agile)
- Organize SDN/NFV meetup at Taiwan

EDUCATION (2)

Master of Science Computer Science | National Chiao Tung University

2013 - 2016

software defined networking

system&network architecture

Bachelor of Science Computer Science | Tunghai University

2008 - 2012

cyber security

high performance computing

system administrator

PUBLICATIONS

▼ Distributed OpenNet: A Distributed Software-Defined and Wireless LAN Network Emulator

1 April 2016

in National Chiao Tung University

Publish and program an emulator for Software-Defined Wireless Local Area Network and Software-Defined LTE Backhaul Network. The technical knowledges are includes linux network namespace, Mininet framework from ONF and automation for multiple nodes deployment using Ansible

▼ SDN-Based BGP Implementation

1 September 2016

in Industrial Technology Research Institute

Viewed a network controlled by an SDN controller (e.g. ONOS) or a cluster of SDN controller as an autonomous system, and use BGP to interact with the rest of the Internet, in order to achieve the effect of both the traditional network and SDN network can be connected. The PoC demonstration with ONF staffs is during Open Networking Summit 2016 event

LANGUAGES

Mandarin

Native speaker

English

Intermediate

INTERESTS

Traveling

backpacking

openmind

Reading

computer science

psychology