

Peter Koh

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EDUCATION

JEJU NATIONAL UNIVERSITY
MA TRANSLATION | COURSEWORK
COMPLETED
Jeju City, South Korea

OHIO STATE UNIVERSITY
BS MATHEMATICS
Columbus, Ohio, USA

LINKS

Gitlab:// gojun077
Bitbucket:// gojun077
Twitter:// @gojun077

SKILLS

PROGRAMMING

Python • Golang • Bash

UNIX/LINUX

RHEL/CentOS • Debian/Ubuntu • Solaris
• nginx • mysql • Wireguard

DEVOPS & CLOUD

Ansible • Docker • Podman • Openstack
• AWS • GCP • Gitlab CE • Jenkins •
collectd • Stackdriver • Cloudwatch •
Pagerduty • Hashicorp Vault

MOOC COURSES

EDX, COURSERA

• MITx 6.00x Intro to CS with Python
• UBCx Systematic Program Design I
• UCI Programming with Google Go

REDHAT

• CL220 Cloudforms
• CL210 Openstack Admin

LANGUAGES

• Korean
• English

EXPERIENCE

ELECTRONIC ARTS | DEVOPS ENGINEER

2019.11 – Present | Seoul, Yeoksam-dong

- **FIFA DevOps** : • part of a *follow-the-sun* global Ops/SRE team • maintain **Jenkins** CI servers • develop concurrent **Python** tools to run *make-good* API calls for over 1.5 million users • **Gossly**: wrote an automated SSL cert scanner + Slackbot in **Golang** using concurrency with *goroutines* • **fifa-cuervos**: wrote a Python app with **sqlite3** backend to aggregate maintenance event data from various internal REST API's and visualize events using **MS Azure Graph API** for Outlook 365 and **GCal API** for Google Calendar • used Golang's **crypto/ssh** in scripts as a performant replacement for pssh and Python Paramiko

PEERTEC | DEVOPS ENGINEER

2018.04 – 2019.11 | Seoul, Yeoksam-dong

- **GDAC.com** cryptocurrency exchange : • slashed monthly AWS spend from \$100K/month to under \$10K/month • wrote bot in Python using **AWS Cost Explorer API** sending realtime billing alerts to Slack • automated deployment of AWS resources with **Python boto3** and used **ansible** for EC2 host config mgmt • wrote **AWS WAF** firewall rules to block endpoint attacks • setup monitoring & alerting with **collectd**, **AWS Cloudwatch**, **Slack**, **Pagerduty** • Replaced ELK cluster with **Cloudwatch Logs** + logic in **Python** for custom alert triggers • managed **AWS AuroraDB mysql** cluster • ran workloads on **GCP** and used **Stackdriver** for monitoring/alerting

ATTO RESEARCH | PRIVATE CLOUD ENGINEER

2017.09 – 2018.04 | Seongnam-si, Pangyo

- **Hana Financial Cloud Project** : • deployed RDO **Openstack** Newton (60 nodes) and integrated it with our company's custom SDN + NFV solution • managed dozens of nodes with **Ansible**, **Bash**, and **Python**
- **KOSCOM R&D Zone Cloud Project** : • deployed Ubuntu **Openstack** Newton (30 nodes) • created custom network failover logic in **Python** to run on a whitebox switch running Linux

OSSLAB (LINUX DATA SYSTEM) | DEVOPS ENGINEER

2016.12 - 2017.08 | Seoul, Samseong-dong

- **Ministry of Nat'l Defense Cyber Command** : • deployed **Openstack** Mitaka • automation using **Python** and **Heat** Orchestration Templates
- **Republic of Korea Air Force - Radar Base** : • Aggregated radar sensor data into **Splunk** • pulled raw radar data from **Sun Solaris** server using **lftp** and parsed data with **Python**, visualization with **Python matplotlib**

GROWIN | SYSTEM ENGINEER

2014.09 – 2016.11 | Seoul, Samseong-dong

Linux Sysadmin: Worked mostly with **RHEL**, **Ubuntu** Linux servers

AWARDS / CERTIFICATIONS

- 2020 **Google Code Jam / Kickstart**
GCJ 2018, GCJ 2019, KS 2019, GCJ 2020, KS 2020
- 2017 **Openstack Foundation Certified Administrator**
COA-1700-0718-0100 | Koh
- 2016 **Redhat RHCSA Openstack (RDO 6.0)**
Redhat ID 150-040-103