

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

SKILLS

PROGRAMMING

Python • Golang • Bash

UNIX/LINUX

RHEL/Fedora • Debian/Ubuntu
• webserver (nginx, caddy) • databases
(mysql, postgres) • Wireguard VPN
• NoSQL (influxDB)

DEVOPS

Ansible • Terraform • k8s • Openstack
• AWS • GCP • Gitlab CE • Jenkins
• Stackdriver • Cloudwatch • Pagerduty
• Hashicorp Vault • Gitops ArgoCD
• SOPS • ELK • Prometheus • Grafana

MOOC COURSES

EDX, COURSERA

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

LANGUAGES

• Korean
• English

EXPERIENCE

UNITY TECHNOLOGIES | SENIOR DEVOPS ENGINEER

2021.03 – Present | Seoul, Gangnam-gu

- Unity IaaS : • Member of global on-call rotation responsible for internal services running on **k8s** and VM's in GCP, AWS, Azure • Unity project build automation with Jenkins and Github Actions • Monitoring/O11y with **Elasticstack**, **Prometheus**, **Grafana** • Palo Alto Network automation using **pan-os-python**

ELECTRONIC ARTS | DEVOPS ENGINEER

2019.11 – 2021.02 | Seoul, Gangnam-gu

- FIFA DevOps : • part of a *follow-the-sun* global Ops/SRE team with rotating on-call • managed Jenkins CI and game servers running JVM in addition to incident response/triage • wrote concurrent **Python** tools to run *make-good* API calls for over 1.5 million users

PEERTEC | DEVOPS ENGINEER

2018.04 – 2019.11 | Seoul, Gangnam-gu

- GDAC.com cryptocurrency exchange : • Sole DevOps engineer for top-10 South Korean crypto exchange launched in 2018. FinOps via AWS **Cost Explorer API** • infra automation with **Python boto3** and **ansible** • **AWS WAF** firewall SecOps • setup monitoring, alerting, logging with **Stackdriver**, **Cloudwatch**, **Slack**, **Pagerduty**

ATTO RESEARCH | DEVOPS ENGINEER

2017.09 – 2018.04 | Seongnam-si, Pangyo

- On-Prem Cloud Projects : • Responsible for deploying Openstack on-site at financial firms with limited external network connectivity. Clients included Hana Financial and KOSCOM (data provider for the Korea Stock Exchange/KRX)

OSSLAB (LINUX DATA SYSTEM) | DEVOPS ENGINEER

2016.12 – 2017.08 | Seoul, Gangnam-gu

- 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**, dataviz with **Python matplotlib**

GROWIN | SYSTEM ENGINEER

2014.09 – 2016.11 | Seoul, Gangnam-gu

Linux Sysadmin on **RHEL**, **Ubuntu**, Linux PXE boot installations on dozens of hosts

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