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

LANGUAGES
• Korean
• English

UNIX/LINUX
RHEL/Fedora • Debian/Ubuntu
• webservers (nginx, caddy) • RDBMS (mysql, postgres) • NoSQL (influxDB2)
• Wireguard VPN

DEVOPS
Ansible • Terraform • k8s • Helm
• Github Actions • Gitlab Runners
• Jenkins • Stackdriver • ELK
• Cloudwatch • Prometheus • Grafana
• Pagerduty • Hashicorp Vault • SOPS
• osquery

TOOLS
Emacs • Lens IDE • k9s • tmux
• GNU Screen • org-mode • magit

HOBBIES
Brazilian Jiu-Jitsu: Blue Belt • Indoor Gardening • Fountain Pens • Homelab

MOOC COURSES

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

PUBLICATIONS

BOOK TRANSLATION
• Crossing Heaven's Border 2015
I translated Hark Joon Lee's book from the original Korean

EXPERIENCE

UNITY TECHNOLOGIES | Senior DevOps Engineer
2021.03 – Present | Seoul, Gangnam-gu
- Unity IaaS: • Global on-call rotation managing internal services running on **k8s** and VM's in GCP, AWS, Azure • IaC with **Terraform**, **Ansible** • build automation with Jenkins and Github Actions • Logging, Monitoring, O11y with **Elasticstack**, **Prometheus**, **Grafana** • Palo Alto Network automation using **pan-os-python** • and **AWX/Ansible Tower** for end-user Web GUI • **Fleet** for **osquery** and **AWX** to identify and remediate machines requiring security patches

ELECTRONIC ARTS | DevOps Engineer
2019.11 – 2021.02 | Seoul, Gangnam-gu
- FIFA DevOps: • part of a *follow-the-sun* Global Ops/SRE team with on-call rotation • managed Jenkins CI and physical game servers for the popular FIFA (now EA FC) football game • JVM tuning • incident response/triage • wrote **Python** tools for making concurrent API calls to fix card pack bugs for 1.5 million users

PEERTEC | DevOps Engineer
2018.04 – 2019.11 | Seoul, Gangnam-gu
- GDAC.com cryptocurrency exchange: • DevOps for top-10 South Korean crypto exchange launched in 2018 • FinOps via AWS **Cost Explorer API** • infra automation with **Python boto3** and **ansible** • Secops with **AWS WAF**, **Cloudtrails** • monitoring, alerting, logging with **Stackdriver**, **Cloudwatch**, **Slack**, **Pagerduty**

ATTO RESEARCH | DevOps Engineer
2017.09 – 2018.04 | Seongnam-si, Pangyo
- On-Prem Cloud Projects: • Openstack deployment engineer • installation from local mirrors without Internet/external network • Used **Puppet** and **Ansible** based deployment scripts • 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
- Private Cloud deployments: • deployed **Openstack** Mitaka • automation using **Python** and **Heat** Orchestration Templates
- Sensor data ingestion: • Aggregated radar sensor data into Splunk • pulled raw radar data from **Sun Solaris** servers 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**, **Debian/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	