

# 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  
• webserver (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

### 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: • Part of global on-call rotation managing internal services running on k8s and VM's in GCP, AWS, Azure • build automation with Jenkins and Github Actions • Logging, Monitoring, O11y with **Elasticstack**, **Prometheus**, **Grafana** • Palo Alto Network automation using **pan-os-python** • IT self-service automation using AWW/Ansible Tower as a script execution engine with Web GUI for end-users.

### 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** • Secops with **AWS WAF**, **Cloudtrails** • monitoring, alerting, logging with **Stackdriver**, **Cloudwatch**, **Slack**, **Pagerduty**

### ATTO RESEARCH | DEVOPS ENGINEER

2017.09 – 2018.04 | Seongnam-si, Pango

- 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