

# Yuhao Feng

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## 🎓 Education

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Southeast University(SEU), NanJing, China 09/2014-06/2018  
B.S. in Computer science (CS) GPA: 3.53/4.0

## 👥 EMPLOYMENT EXPERIENCE

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NetEase, Inc. 07/2018-07/2022  
Game public support Senior DevOps Engineer

- Maintained a PaaS system, provided technical support of development, operation, management and maintenance for clients, including network equipment, operating system, data management system, and etc.
- Have helped thousands of apps online, helped a large project(2W qps) migrate to Kubernetes cluster
- Introduced Kubernetes as the underlying implementation

Tencent Holdings Limited. 10/2017-01/2018  
Dayu Distributed Defense for DDoS Software Engineering Intern

- Analyzed DDoS attack logs with the aim of solving the problems of a large number of useless data packets, network congestion, and waiting TCP connections, thereby exponentially increasing the power of denial of service attacks.
- Provided a query interface and generated daily reports

## ♥ PROJECT EXPERIENCE

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PaaS System Python 07/2018-07/2022

- It has more than 1800 applications(1200+ online) and more than 750 million PV(one day)
- Leded the improvement of a PaaS platform, with extensive experience in Kubernetes and PaaS system
- Customized Dashboard code to fit our PaaS platform, giving everyone access to their project's WebShell(The most popular feature on our platform)
- Modified Kubernetes code to support precise arrangement, optimized Kubernetes CronJob(Run scheduled tasks on time)
- Optimized Dockerfile many times, dramatically reduce the service update time
- Found and solved problems like Linux kernel memory leak and ingress keepalive error
- Introduced full monitoring system for every app by using Prometheus and Grafana

Vsnips TypeScript 01/2019

Allow user use UltiSnips in VSCode. [Github: VSnips](#)

- Use regular expressions appropriately to simplify development
- Support many simple snippets in UltiSnips
- Support autoDocstring(Python, TypeScript, Golang)
- Allow user add their own snippets and tool functions

Upterm Golang

05/2022

Modify Upterm code to support VSCode Remote-SSH. [Github: Upterm and VSCode](#)

- Deeply modify the Upterm, allow VSCode user connect with Remote-SSH
- Studied OpenSSH protocol, understand the implementation of authentication, connection retention, multiplexing, port forwarding, etc.
- Support VSCodeWeb, enable tablets such as iPad to use it

## ⚙ Skills

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- Very familiar with Linux, use ArchLinux from 2014, built LFS, proficiently use ps,top,df,tcpdump to solve the work problems
- Mainly use Python at work, also use Golang to do some side projects
- Familiar with Terraform, and ability to control cloud infrastructure such as AWS, GCP, Azure, Alibaba, etc
- Familiar with automation tools Puppet/Ansible, and using Ansible to build and maintain Kubernetes clusters in production environments
- Familiar with Jenkins and GitLab CI/CD, and creating integration tests, documentation and release automation, etc
- Familiar with OpenSSH, Nginx, Docker, Kubernetes and other open source software code, with the ability to read and debug code, improve the logic when necessary

## 🏆 Additional

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Technology Craftsmanship Award in Netease, Inc.

07/2021

Personal Blog <https://corvo.fun/>

2014-Present

- Continuously summarize problems encountered in the study and work
- Share system design strategy and implementation details
- Some of them have been reposted to other popular platforms much times

Github <https://github.com/corvofeng>

2014-Present

- Often write tools to improve the efficiency of the work
- Like to share simple [Github gists](#) to help others