

Ruiyu Wang

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EDUCATION

MS in Computer Science

University of Texas at Dallas
Dec 2015 | Dallas, TX

BE in Automation - IT Adoption

DongHua University
Jun 2007 | Shanghai, CHINA

SKILLS

Programming

Python • Java • Go • Ruby • Perl

DevOps

Ansible • Puppet • Jenkins • Redis
Nagios • Datadog • Splunk • ELK
Kubernetes [Certified] • Terraform
Vagrant • Docker Swarm • HAProxy
Azure Cloud Platform • AWS

Tools & Softwares

Git • VSCode • Vim + Vundle
Jira + Confluence • TFE • ScaleFT

Web

Selenium • REST API • Flask • Rails
Apache • Nginx • Puma • Unicorn

Databases

MySQL • Postgres • Mongo

Operating Systems

Linux • Mac • Windows

LINKS

<https://github.com/deanmax>

<https://hub.docker.com/r/rwang>

EXPERIENCE

CoverMyMeds System Engineer | Apr 2017 - Present | Columbus, OH

- SDLC Production Operation and Engineering in a Healthcare IT company with Agile DevOps work style
- Transforming from On-Prem to Azure Cloud. Leveraging HashiCorp products and Zero Trust Network technology.
- Lead on Infra Monitoring Stack converting from Nagios to Datadog
- Tech Stack: Kubernetes, Prometheus, Hashi Vault, Azure Cloud, Terraform, Puppet/Ansible, IPAM, Splunk+Sentry, Consul, Redis, Harbor, Jenkins, F5

Veritas Technologies Senior Software Engineer | Feb 2016 – Apr 2017 | Mountain View, CA

- Work on Production Infrastructure Automation, Tools, Developer Experience Enhancement, System performance analysis and bottleneck pinpoint
- Tech Stack: Artifactory, Ansible, Docker Swarm, Grafana, Jenkins, Nagios, NodeJS, etc

CoverMyMeds Test Engineer Intern | Feb 2015 - Jun 2015 | Columbus, OH

- Built an End-to-End test harness to automate the overall Prior Authorization workflow (Healthcare IT), integration and feature testing of Restful APIs

Facebook Production Engineer Intern | May 2014 - Aug 2014 | Menlo Park, CA

- Create tooling automating DataCenter server maintenance workflow
- Create ETA feature to predict upcoming server drain / undrain duration based on historic data
- Backend development using Python, SQLAlchemy, Thrift

Hewlett-Packard Software Testing Engineer | Dec 2009 - Jun 2013 | Shanghai, CN

- Leader in developing automated testing tools (Perl & Shell)
- Stress testing of storage and network traffic load

CERTIFICATES

Certified Microsoft Azure Administrator | 02.2021

Certified Kubernetes Administrator (CNAF) | 05.2019

ACADEMIC PROJECTS

VM Placement and Scaling | Python, CentOS, KVM

- Statically place and schedule, dynamically scale and migrate Virtual Machines to optimize resource utilization by using efficient VM algorithms

Java implementation of Distributed File System | Java, GFS

- A re-implement of Google File System, supporting file create/append/read, replication/crash recovery with scalable data nodes