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 • Nagios
Kafka • Redis • Splunk • ELK
Kubernetes [Certified]
Vagrant • Docker Swarm • HAProxy
Azure Cloud Platform • AWS

Tools & Softwares
Git • VSCode • jq • Vim + Vundle
iTerm

Web
Selenium • REST API • Flask
Apache • Nginx

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**
- **Tech Stack: Kubernetes, Prometheus, Hashi Vault, Azure, Terraform, Puppet, Hieradata, IPAM, Nagios, 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**
- **Skills - Ruby on Rails, WebMock, Rspec, Capybara, Jenkins**

Facebook   Production Engineer Intern | May 2014 - Aug 2014 | Menlo Park, CA
- **Wrote tools 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**
- **Test case writing(Perl) and manual test execution**

CERTIFICATES

Certified Kubernetes Administrator | 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**