# 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**

## 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**

## AWARDS

**1st Prize at Veritas Hackathon - Operational Efficiency (Docker Swarm Cluster) |2016**
**UTD Erik Jonsson School Graduate Scholarship for 2013-2014 academic year | 2013**