

Shiyang Huang (Shawn)

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Education

08/2009 - 06/2013 Beijing University of Posts and Telecommunications (BUPT)

-Major: Communication Engineering -Undergraduate

09/2013 -05/2015 Polytechnic Institute of New York University (NYU)

-Major: Computer Science -Graduate

Professional Experience

Palo Alto Networks. (2018.5-Now, Santa Clara, CA)

- Code writing in **Python** and version control by **Perforce** and **Git**.
- Backend **Restful API webservice** implementation with Python.
- Webserver setup with **Nginx** and **UWSGI**.
- Python Micro-service** pipeline through **Kafka**, **RabbitMQ** and **Pubsub**.
- Database and datastorage in **Redis**, **Cassandra** and **Bigtable**.
- Production CICD with **Github**, **Buildbot**, **Jenkins**, **HelmCharts**, **Kubernetes**.
- Data analyzing with **Hadoop Mapreduce** and **Pig**.
- Service monitoring implementation with **Exporters** and **Prometheus** server.

Dataguise Inc. (2015.7-2018.5, Fremont, CA)

- Detect and protect sensitive information for **distribute file system**.
- Involved in auto discovery implementation, decryption library design and implementation.
- Hand-on working experience in **Mapreduce** programming and troubleshooting.
- Hadoop** environment (Cloudera, Hortonworks, Mapr etc) setting up and trouble shooting.
- Implement **EDI**, **Parquet** file sensitive data detection, masking and protection.
- Upgrade product for support running against **AWS** and **GoogleCloud** with **SSL** connection.

Sercle.net founder engineer (2014.8-2015.7, NYU)

- A startup creating a service providing hybrid distributed storage cloud for enterprise.
- Built up the front-end pages listing and avatars. Using grunt for building website; developing the front-end parts in html, **AngularJS**, less(css).
- Built up IOS & Android app with **ionic** framework. Implement logging, profile modifying, file browser, file & image upload & download functions, etc. Download available at apple store: Sercle.net

Professional Skills

Strong development background using Python, Java.
Object-oriented design and programming experience.
Database: Mysql, MongoDB, Redis
DataPipeline: Kafka, RabbitMQ, Bigtable
Webservice: Nginx, UWSGI
Cloud Platform: AWS, GCP
Data Analysis: Hadoop, Yarn, Pig
CICD: Git, buildbot, Jenkins, kubernetes.
Others: HTML5, JS, AngularJS, ionic, Cordova, PHP, Nodejs, grunt.
Mastering photography, filming and video editing.