Pinglei Guo

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EXPERIENCE

PayPal: **Software Engineer Intern**   San Jose, California *June 2017 - Sep. 2017*

- API gateway for microservice using Golang. Deployed in QA on Mesos using Docker with horizontal scale
- Admin Dashboard using Angular 4, Semantic UI and TypeScript for internal container orchestration platform
- Full text search using Apache Solr, open sourced a new Golang client with better performance and interface

GitCafe: **Software Engineer Intern**   Shanghai, China *Jan. 2015 – Mar. 2015*

- Web application using Ruby on Rails and AngularJS. Full text search using Elasticsearch.

University of California Santa Cruz: Research assistant   Santa Cruz, California *Nov. 2016 – Present*

- Benchmark suite for time series database `https://github.com/xephonhq/xephon-b`
- Distributed time series database with multiple backends `https://github.com/xephonhq/xephon-k`

SJTU CIT Lab: Research assistant   Shanghai, China *Mar. 2015 – Jan. 2016*

- Distributed system monitoring and predicting prototype for China Telecom using Cassandra and ElasticSearch
- Interactive dashboard for data visualization and exploration using AngularJS as a single page application.

Dongyue Web Studio: Full stack web developer & Tech lead   Shanghai, China *Sep. 2013 – Jan. 2016*

- Lead web and mobile development of `http://tongqu.me` increased daily active user from 500 to 3,000
- Build high concurrent PHP+MySQL application using Redis as cache and queue, increase QPS by 120%
- Built RESTful API and rich internet application using Laravel(with HHVM), AngularJS and BootStrap

PROGRAMMING LANGUAGE

Experienced	Golang, Java, PHP, JavaScript, Node.JS, HTML, CSS, MATLAB
Intermediate	C, C++, Python, Shell, SQL, C#, Ruby, TypeScript, SCSS
Basic	Scala, Clojure, Haskell

SOFTWARE & FRAMEWORKS

Experienced	Git, Angular, Vagrant, Ansible, Dropwizard, Laravel, Express, jQuery, BootStrap, ANTLR
Intermediate	Docker, MySQL, Redis, Hadoop, MongoDB, ElasticSearch, Rails, Spring, ASP.NET, D3.js, React
Basic	Cassandra, KairosDB, OpenTSDB, InfluxDB, Prometheus, Graphite, Kafka, HBase, Hive, Netty, Spark

EDUCATION

MS. Computer Science University of California Santa Cruz **GPA 4.0**   *Sep. 2016 – June 2018*

Distributed systems, Database Systems, Storage System