Pinglei Guo

Santa Cruz, CA 831-295-1214 piguo@ucsc.edu https://github.com/at15 https://linkedin.com/in/at1510086

WORK EXPERIENCE

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

- Built admin server for internal **container orchestration** platform using **Golang**, deployed in **production** on **Mesos**.
- Enhanced dashboard using **Angular 4**, used by operation team to troubleshoot application and manage cluster.
- Introduced full text search using **Solr**, **open sourced** Golang client with enhanced performance and interface.

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

- Created benchmark suite for various time series databases OpenTSDB, KariosDB, InfluxDB.
- Design and implemented time series database with multiple backends including **Cassandra**, **MySQL**, raw disk.

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

- Improved performance of **Ruby on Rails** web application. Refactored **jQuery** codebase using **AngularJS**.

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

- Implemented system monitoring and predicting prototype for China Telecom using **Cassandra** and **MongoDB**.

SKILLS

Language	Golang, Java, JavaScript, PHP, Python
Database	Cassandra, Solr, MySQL, MongoDB, OpenTSDB, InfluxDB

EDUCATION

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

Distributed systems, Database Systems, Storage System

BS. Material Science Shanghai Jiao Tong University GPA 3.3   *Sep. 2012 – June 2016*