ZONGXIONG CHEN

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EDUCATION

Technische Universität Berlin *April 2017 - Present*
Master in Computer Science Department

Southeast University, China *Sep. 2011 - June 2017*
Bachelor of Automation Department. GPA: 3.63/4.0

WORK EXPERIENCES

Apr. 2018-Present

Deutsches Forschungszentrum für Künstliche Intelligenz
Research Assistant

Implementing several benchmarks (Yahoo Streaming Benchmark, Linear Road Benchmark, New york taxi Benchmark) for different streaming systems, such as StreamBox, Saber

Jan. 2019-Present

Baymax, Berlin
Software Engineer

Developing an cross-platform APP to help company to improve competition and reputation in medical market.

Jul. 2015-Sep. 2016

Ctrip Computer Technology(Shanghai) CO. LTD, China
System Development Engineer

· Setting up a docker hub to store private docker images.
· Packing source code from private gitlab and generating docker images automatically.
· Collecting logs of docker running containers and transferring useful logs to ELK.
· Developing a project to migrate the storage from one IDC(Internet Data Center) to another IDC for backup, using CEPH as distributed file system.
· Developing a project to record the the reasons why projects accidently fail to upgrade in production.

COMPUTER SKILLS

Programming Languages	python, c++, nodejs, java, shell
Databasae	mySQL, redis, sqlite
Web framework	django, flask, express
DevOps Tools	ELK, Grafana, Prometheus
Miscellaneous	git, docker, restful, design pattern, react native

PROJECTS

Sep. 2014 – Dec. 2014	Collecting logs of physical machines generated during deployment and sending all useful logs to ELK for further debug.
May 2014	Developing a program to recognize LED characters and the accuracy of the recognition system achieved 97.66%.
Oct. 2013 – Dec. 2013	Developing a program to correct the dramatic distortion causing by by fisheye lens referring to the paper Á Flexible Technique for Accurate Omnidirectional Camera Calibration and Structure from Motionóf Davide Scaramuzza.
Sep. 2012 – Oct. 2012	Developing an auto-obstacle-detection system for vehicles.

AWARDS

3rd Place, Efficient Architectures for Data Science, 1st Fall School of the HPI Future SOC Lab, HPI for Digital Engineering, University of Potsdam, 2017

2nd Place, Hella Cup, 3rd competition of intelligent information processing system software design, Southeast University, 2012