

# Denghui Shi

Technische Universität München

(+49) 017695789734

shidenghui@gmail.com



## Education

Technische Universität München, *Munich*, Germany, 2012~2015

- *Master of Informatics*
- *Current GPA 2.3(without thesis)*

Zhengzhou University, *Henan*, PRC, 2007~2011

- *Bachelor of Computer Science*
- *Cumulative GPA 2.0*

## Working Experience

05/2014 -- Present

Max Planck Digital Library

München

*Hivi/Master Thesis Student*

- Imeji development, a multimedia data cloud storage with dedicated metadata management.
- Project co-ordination between the project partners (Max Planck Institute Berlin).
- Developing an Android mobile App for scientists in Max Planck Institute.

09/2013 -- 04/2014

TUM

München

*Tutor(Hivi) of ilab Praktikum at chair of Prof. Carl*

- Weekly correction of students' assignments and give grades, remarks, feedbacks.
- Be responsible for answering students' questions and specific administrative work.
- Optimization of the teaching process, e.g. discuss the unclear or stale exercises.

06/2011 -- 08/2012

Netease Inc.

Beijing

*Systems Engineer in Search Engine department*

- Be responsible for the availability, performance and scalability of Search Engine.
- Optimizing the system, including the Load balance, High Availability, Consistent and Scalability.
- Developing tools to manage the Linux clusters and distributed applications online.

06/2010 -- 09/2010

Sohu Inc.

Beijing

*Internship in Network Management department*

- Provided direct IT support for the employees of the whole company.
- Gather internal requirements and deliver solutions that satisfy employees' needs.
- Support special R&D experiments, renovations, and upgrades of existing facilities.

06/2009 -- 06/2011

Network Center of Zhengzhou University

Henan

*System Administrator*

- Cooperated with the Software Workshop of college to maintain some systems e.g. CMS.
- Managed the website of all kinds of departments to serve the students better.
- Troubleshooting technical issues of the datacenter, including UPS, routers, switches and servers.

# Denghui Shi

Page 2

## Projects and Programs

- |  |                       |                   |
|--|-----------------------|-------------------|
| PaoTang  | <i>Co-funder</i>      | 2015.06 – Present |
| <ul style="list-style-type: none"><li>- PaoTang is a C2C online platform for individual gourmet makers and lovers in China.</li><li>- Working as the technical leader in a small group of developers (4 members).</li><li>- Developed the RESTful API and the Android client App.</li></ul>  |                       |                   |
| OpenGridMap  | <i>Programmer</i>     | 2015.02 – 2015.09 |
| <ul style="list-style-type: none"><li>- OpenGridMap is a crowdsourcing power grid data cooperation project between TUM and Siemens.</li><li>- DataCollector is the sub-project, which focus on the mobile client data collection part.</li><li>- Working on Data Collector project as my master thesis at TUM.</li><li>- Code repo, <a href="https://github.com/shidh/DataCollectorAndroid">https://github.com/shidh/DataCollectorAndroid</a></li></ul>  |                       |                   |
| HrForecast   | <i>Programmer</i>     | 2014.11 – 2015.04 |
| <ul style="list-style-type: none"><li>- Developed clustering analysis for human resources based on last five years data set based on R language.</li><li>- Developed the UI for uploading date set, selecting analysis parameters and show data visualization.</li></ul>   |                       |                   |
| CSSA-Site( <a href="http://www.cssa-munich.de">www.cssa-munich.de</a> )  | <i>Project Leader</i> | 2014.04 – 2014.10 |
| <ul style="list-style-type: none"><li>- CSSA is short for Chinese Students and Scholars Association Munich e.V</li><li>- Worked as a project leader in group of three students to development the website (frontend, backend)</li><li>- Code repo, <a href="https://github.com/shidh/CSSA">https://github.com/shidh/CSSA</a></li></ul>   |                       |                   |
| NTT-eBike  | <i>Programmer</i>     | 2014.04 – 2014.07 |
| <ul style="list-style-type: none"><li>- Worked as a IOS programmer for a cooperation project between TUM and NTT-Data.</li><li>- Worked in the Agile Development style (Scrum) for design and development in 5 sprints.</li><li>- Personally focused on the Client-Server communication module and the Restful server of the project.</li></ul>  |                       |                   |
| Distributed Key-Value Storage  | <i>Team Leader</i>    | 2013 – 2014       |
| <ul style="list-style-type: none"><li>- During the Distributed System course, we implemented all milestones of this project and got 1.0.</li><li>- The system includes a command line client, arbitrary KV servers and a Metadata configuration server.</li><li>- We employed java as the implementation language and distributed hashing as the system architecture.</li><li>- Code repo, <a href="https://github.com/shidh/CloudDataBases">https://github.com/shidh/CloudDataBases</a></li></ul> |                       |                   |
| Body Postures and Movements Classification   | <i>Programmer</i>     | 2013 – 2014       |
| <ul style="list-style-type: none"><li>- Evaluated three classification methods (KNN, J48, BP-Neural Network) for the postures recognition.</li><li>- Investigated the performance/model trade-off tuning potential by adjusting the parameters of algorithms.</li></ul>  |                       |                   |
| Tour FootPrints  | <i>Programmer</i>     | 2013              |
| <ul style="list-style-type: none"><li>- The final course project during Web Application Engineering by employing the Java PlayFramework .</li><li>- My idea was chosen as our project business idea by our team brainstorming.</li><li>- Our project was one of the best final projects and graded as 1.0.</li></ul>   |                       |                   |
| Summer Camp of “Bring Me Hope”   | <i>Volunteer</i>      | 2011              |
| <ul style="list-style-type: none"><li>- Worked as an Activity Counselor to design some games and played with orphans.</li><li>- Cooperate with the volunteers from abroad to help the camp students to study English.</li><li>- Visited classrooms and assisted in their excellent study performance.</li></ul>  |                       |                   |