

# BaoSheng Wang

## Curriculum Vitae

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### Education

2013–Present **MS in Computer Vision, Supervisor: Weidong Zhao, School of Electronic and Information Science, Tongji University**, expected 2016.

2009–2013 **BA in Computer Science and Technology, School of Electronic and Information Science, Lanzhou JiaoTong University**, top1.

### Community

Blog <https://king1991wbs.github.com/wilson>.

Stack Overflow <https://stackoverflow.com/users/3322579/wilson>.

GitHub <https://github.com/king1991wbs>.

### Internship

2015.06– **Microsoft, Bing Satori, WEB API, RESTful, C#, SCOPE.**

2015.09 Satori is one of the teams in Bing search center, mainly in charge of data processing jobs. My team is focused on web data extraction and analysis. During my internship, I mainly did three tasks. Firstly, implement Suggestion Service(SS): Extract data from different data sources based on Url requests, and return the result to caller. Secondly, Performance improvement of WrapStarAPI: SS provide two different Service: request data and save data. But problem is that it cost too much time for data request. After analysis of the source code, I found the bottleneck was WrapStarAPI library. Then through optimizing the source code, I improved the performance of SS. Thirdly, Data processing jobs: Cosmos is the big data processing platform of Microsoft, manipulated through SCOPE Script. By using these tool, I also did some easy big data processing jobs.

2015.01– **HiScene, Algorithm, C/C++, OPENCV.**

2015.03 My job is to assist mentor to design and implement image processing algorithms used in their app, besides in charge of OCR DEMO implementation

### Project Experience

2014–present **steel safe welding based on Robot Arm, C++, JAVA WEB, PYTHON, HTML, Startup Project.**

It's a project in our lab, leading by Professor Zhao. All we want is to use the computer vision technology to track the location of the weld joint, and feed back to PC, then PC will direct the robot arm done the welding work. For the convenience of experiment we have developed an iOS app. My job is in charge of computer vision part, means find the weld joint.

2013–present **Dunhuang frescoes image stitching, Research Project.**

Dunhuang frescoes is a great treasure left by ancient Chinese, it is necessary to do some work to protect it. Our job is to use existing image processing algorithms and invent new algorithms, which is more efficient and powerful, to stitch those images into a full image

### Awards

2013 **Recommended to pursue master degree in Tongji University.**

2012    **WanQiaoStar Scholarship, The Second Prize Scholarship.**  
2009-2011    **National Encouragement Scholarship, The First Prize Scholarship.**

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## Skills

Language    **C++**, *C*, *C#*, *OPENCV*, *TEX*, *GCC*, *GDB*.  
Platform    **windows**, *linux(fedora/ubuntu)*.  
English    **CET-6**, *fluent in spoken and written English*.