

Resume

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- Github: <http://github.com/whitelok>

Education

- **Master Degree**, Department of Computer Science, Shanghai University, **High Performance and Parallel Computing Major**

Technology Summary

- Languages/Programming: Python, C, C++, JS, Go
- Systems: Unix, Windows, Linux
- Frameworks: CUDA, Caffe, Tensorflow, CNTK, OpenCV, cuDNN, Flask, Kafka

Professional Experience

- 2017/10 - Now: nVidia Deep Learning Software Engineer
 - Responsibility: Develop test unit and sample for TensorRT with Python and C++.
 - Projects: COSMOS, TensorRT, Caffe, Tensorflow, CNTK, cuDNN.
- 2016/05 - 2017/10: nVidia Automation Develop Enginner
 - Responsibility: Developed automation frameworks and script with Python, Java and C#.
 - Projects: GFN, GFN PC, GFE, COSMOS, CUDA.
- 2016/04 - Now: [iOS Games Cluster](#)
 - Projects: Got about 1 million customers (statistical data from talking data).
- 2015/10 - 2016/04: Ele.me Python Server Develop Enginner(Intern)
 - Responsibility: Developed <https://fengniao.ele.me/> beckend server function.
 - Project/Tech Detail: Flask + Kafka + Redis + Celery.

- 2014/06 - 2015/08: Intel Shanghai R & D Center DCG-PVL Distributed Automatic Testing System Developer(Intern)
 - Responsibility: Developed an exclusive Distributed Automatic Testing System for PVL team based on the framework of MCG's auto testing framework.
 - Project/Tech Detail: Django + Celery + Testing basis framework.
- 2014/12 - 2015/01: Ksudi Android App (<http://www.ksudi.com/client.html>)
 - Responsibility: Developed the Ksudi Android App's maps module.
 - Project/Tech Detail: Mina + JNI + Baidu Map SDK.
- 2013/09 - 2014/09: Japanese Society for the Promotion of Science under Grants-In-Aid for Scientific Research
 - Responsibility: Accelerating Electrocardiogram Simulating model on HPC with GPU and MIC.
 - Project/Tech Detail: openMPI + CUDA + opeMP + openMPI.

Awards and Honorary Titles

- 2014 National Graduate Student MCM Second Prize
- 2014 National PAC Eastern China Division First Prize
- 2014 National Graduate Student Scholarship
- 2014 Kwang-Hua Scholarship First Prize
- 2014 Merit Scholarship of Shanghai University First Prize
- 2014 Outstanding Student of Shanghai University
- 2011 National Information Application Technology Contest Second Prize
- 2011 AFC Challenge Cup of Guangdong Province Golden Prize
- 2010 AFC Challenge Cup of Guangzhou University Golden Prize
- Scholarship of Guangzhou University * 4

Academic Achievements

- Paper Indexed by SCI * 1 and Paper Indexed by EI * 4
- Chinese Patent * 2

Open Source Projects

- Scene Text Localization & Recognition Resources: A general list of resources to image text localization and recognition. (100+ stars)
- Wei-Harumi's Electrocardiogram Simulation Model Parallelization Research.
- Learning Based Digital Matting Foreground Image Extraction Algorithm C/C++ Version.

- Learning Based Digital Matting Foreground Image Extraction Algorithm Matlab Version.
- DroidController: Android Smart Phone Control Plugin.