YANG WANG
Cell: +86-17621374373 Email: tiandiwoxin@126.com
Github: https://github.com/yangw1234 LinkedIn: linkedin.com/in/yang-wang-24aa8180

EDUCATION

College of Electrical Engineering, Zhejiang University   *Sept. 2011- June 2015*
- B.S. in Electronic & Information Engineering
- Over all GPA: 88/100   Math & Programming GPA: 92/100   TOEFL: 100   GRE: 325

WORK EXPERIENCE

Intel Co.   *Mar. 2017-Present*
Software Engineer
- Core developer of BigDL, intel's deep learning framework based on Apache Spark
- Reimplemented several layers (including convolution, pooling, batch normalization etc.) to support NHWC image data format
- Developed a graph execution engine and the feature to support loading & saving Tensorflow models
- Wrote BigDL's deep learning tutorials and examples on computer vision and nature languages processing

Haizhi Ltd.   *June 2015-Mar. 2017*
Software Engineer
- Developed of a big data platform based on Spark and HDFS to support upper level BI queries, offline ETL job scheduling & executions.
- Maintained and managed a hundred-nodes Spark cluster processing data at PB scale. Job also including version upgrade, performance tuning, testing
- Optimized spark performance, fixed bugs and made patches to the Spark community.

Huawei Co. Ltd.   *Dec. 2014-June 2015*
Software Development Intern
- Wrote Platform-as-a-Service (PaaS) service platform deployment scripts
- Developed a few features such as java app stack information printing

PUBLICATIONS

- C. Luo, Y. Wang, Y. Ding, Z. Wu, *Image Quality Assessment Based on Independent Component Analysis*, Signal Processing (ICSP), 2014 12th International Conference on
- R. Wang, Y. Wang, C. Luo, *EEG-based Real-time Drowsiness Detection using Hilbert-Huang Transform*, Intelligent Human-Machine Systems and Cybernetics (IHMSC), 2015 7th International Conference on

TECHNICAL SKILLS

- Programming Languages: Proficient in Scala, Java and Python, familiar with C/C++, Matlab
- Big Data/Distributed System: Spark, Hadoop, Kafka, Hbase, redis, Zookeeper
- Machine Learning: Tensorflow, Caffe, Torch, NumPy, Jupyter Notebook, BigDL
- Tools/Libraries: Git, Maven, sbt

SELECTED COURSEWORS

Online (graduate level)   **Zhejiang University (undergraduate level)**
Machine Learning (Stanford)   Computer Architecture,
Neural Networks for Machine Learning (Hinton, G. E.)   C programming language,
CNN for Visual Recognition (Stanford)   Data Structure and Algorithms
NLP with Deep Learning (Stanford)   Assembly Language
Probabilistic Graphical Models (Stanford)

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TEACHING ASSISTANTSHIP

BerkeleyX – CS105x, Introduction to Apache Spark (online)

BerkeleyX – CS110x, Big Data Analysis with Apache Spark (online)

BerkeleyX – CS120x, Distributed Machine Learning with Apache Spark (online)

HONORS AND AWARDS

2011 - 2014 **Excellent Student Awards** each year, awarded by Zhejiang University

2011 - 2014 **Scholarship for Outstanding Students** each year, awarded by Zhejiang University

2011 - 2014 **Scholarship for Outstanding Merits** each year, awarded by Zhejiang University