Chen Peiqiu

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Education Background

2014 – now	**Tongji University**	**Computer Science**	**Master (average score：90.7）**
2010 - 2014	**Tongji University**	**Computer Science**	**Bachelor (GPA：4.54/5）**

Awards and Scholarships

2016.06	The 1st prize of ebay CCOE Hackweek 2016
2015.11	The GuangHua Scholarship
2014.03	Merit Student of Tongji University
2013.12	The Second Prize Scholarship of Tongji University
2013.04	Meritorious Winner of 2013 Mathematical Contest In Modeling (MCM)
2012.11	The Third Prize Scholarship of Tongji University
2012.01	Minor in Mathematics and Applied Mathematics at Tongji University
2011.12	The Second Prize Scholarship of Tongji University
2011.12	Third Prize of the 28th National University Physics Competition (Shanghai Division)

Technical Skills

English	CET4 (560/710), CET6 (567/710), Good English reading and writing skills.
Computer	Proficiency in C++, familiar with HTML/CSS and JS, beginner in Java and Python Proficiency in Deep Learning algorithms and *Caffe* framework. Knowledge of data structures and algorithms. Basic knowledge on Hadoop and linux.

Project Experience

2016.06-NOW eBay (Shanghai) Co., Ltd Search Science & Traffic Intern

Improve search experience of ebay.com with machine learning:

- A practical and scalable image search solution for ebay cassini search engine.(Winner of the **1st prize** in ebay CCOE HACKWEEK 2016)
- Recognize porn or adult listings with shallow visual features and machine learning algorithms.

2014.07-NOW Intelligent Computing Lab Research on Convolutional Neural Network

Image recognition system based on *Caffe* framework:

- Research on regularized convolutional neural networks (CNN), taking use of cuBLAS in CUDA Toolkit to achieve fast visual recognition system with good learning performance.
- Publication of conference paper: “Correlative Filters for Convolutional Neural Networks” 2015 IEEE International Conference on Systems, Man, and Cybernetics(SMC 15), Hong Kong, China, pp. 3028-3053. Oct.9-12, 2015.

2014.01-2014.06 Intelligent Computing Lab CNN Parallel Acceleration

Convolutional Neural Network parallel acceleration based on Hadoop:

- Hadoop cluster construction.
- Use JNI and Protobuf to combine Hadoop and normal C++ program for acceleration.
- Implement distributed CNN training task on Hadoop.