

Jiang, Yan

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EDUCATION BACKGROUND

- University of Electronic Science and Technology of China** 07/2014
School of Computer Science and Engineering
Bachelor of Information Security
Overall GPA: 3.3/4.0 Major GPA: 3.4/4.0
- University of Southern California** 07/2015
International Academy
Pre-master
Overall GPA: 3.9/4.0
- University of Southern California** present
Viterbi School of Engineering
Master candidate of Computer Science

Computer Skills

Software

Visual Studio
Adobe series
Microsoft series
MySQL
VMware
Wireshark

Languages

C, C++, Java
HTML, CSS, JS
Matlab
Python
Prolog
Verilog

Operating System

Windows 7/8
DOS
Mac OS
UNIX/Linux

RESEARCH EXPERIENCE

- Research on the Image Processing** 09/2013-06/2014
Composed a deep learning library, using *ReLU*, *Stochastic Pooling*, *MaxOut*
Tested open-source *CNN libraries* of *Cuda-convnet* and *Caffe* on detecting objects in static images
Designed a *Engine of Content-based Image Retrieval*
- Member of UESTC Intelligent Recognition and Vision Perception Lab** 09/2013-12/2013
Redesigned a *verify code cracker* by C#
Developed a *fingerprint liveness detection program* by Matlab and C++
Co-author thesis published at the 3rd International Conference on Communications, Signal Processing, and Systems
- Member of UESTC Internet and Data Security Lab** 10/2012-01/2013
Implemented a *RFID reader with cryptography*

Selected Project EXPERIENCE

- Applied Cryptography** present
Realized a series of cryptography methods including *DES*, *Visual Cryptography* by *Makefile* composing
- Advertisement detection** 11/2016-12/2016
Redesigned an *advertisement logo detection* by C/C++
Developed an *advertisement shoots detection program* by C/C++ based on openCV
- Post-production of creative video design** 09/2016-present
Post-production of a series videos and photos by *Adobe series* using *Photoshop*, *Premiere*, *Audition*, *After Effect*, *Lightroom*, *Camera Raw*
- Web and App design** 10/2015-11/2015
Designed web pages and app of weather forecast, app of stock research
- Electronic design** 9/2012-12/2012
Weld earphone with *radio* function on *circuit board* and LED counter by *combinatorial logic*