Shasha Li

Contact Information

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Education

Beijing University of Posts and Telecommunications — September 2012-present
Bachelor of Communication Engineering, expected in July, 2016

- **Overall GPA**: 91.4/100 (top 2%)
- **Programming Skills**: Expertise in C++, Matlab, LaTeX. Acquaintance with HTML, CSS, JavaScript, Java.
- **Ongoing Graduation Thesis**: Face Recognition via Deep Feature Learning

Research Experience

Pattern Recognition & Intelligent System Lab — Beijing University of Posts and Telecommunications
Research Assistant — *November 2014 - present*

- Supervisor: *Prof. Weihong Deng*
- Focus: Robust face recognition under degraded conditions (image noise and blur).
- Achievements: Five papers have been accepted by *IEEE FG2015*, *IEEE VCIP2015*, *ACPR2015* and *CCBR2015*. I've submitted a manuscript for *TPAMI* recently as co-author. I'm working on a manuscript for *IEEE SPL* as first author.

Conference Publications

[1] **Shasha Li**, Yukai Tu, Weihong Deng, and Jiwen Lu. *Noise-resistant Local Binary Pattern based on Random Projection* *Asian Conference on Pattern Recognition (ACPR) 2015*

[2] **Shasha Li**, and Weihong Deng. *Face Recognition based on Random Feature* *IEEE International Conference on Visual Communication and Image Processing Conference (VCIP) 2015 (Oral).*

[3] Yida Wang, **Shasha Li**, Jiani Hu, and Weihong Deng. *Face Recognition Using Local PCA Filters* *Chinese Conference on Biometric Recognition (CCBR) 2015*

[4] Jun Li, **Shasha Li**, Jiani Hu, and Weihong Deng. *Simultaneous Blurred Face Restoration and Recognition* *Asian Conference on Pattern Recognition (ACPR) 2015 (Oral).*

[5] Jun Li, **Shasha Li**, Jiani Hu, and Weihong Deng. *Adaptive LPQ: an Efficient Descriptor for Blurred Face Recognition* *IEEE International Conference on Automatic Face and Gesture Recognition (FG) 2015*

Project Experience

Unconstrained Face Recognition Using Deep Feature Learning(National Natural Science Foundation of China)
Research Assistant — *September 2015 - present*

- Assisted in program testing.
- Researched on robustness of several extracted features

Automatic Teller Machine for Electronic Chips via OCR (National Innovative and Entrepreneurial Project)
Group Member — *July 2014 - May 2015*

- Developed Optical Character Recognition program such as tilt correction, character segmentation, skeletonization and character recognition. With fuzzy matching, overall chip recognition rates reach 87%.
- Won Qualcomm Scholarship for Innovation and Entrepreneurship.

Counting System for Exhibition Attendance based on OpenCV
Group Member — *March -May 2014*

By detecting and tracking people's entrance and exit, the system was successfully used for attandence counting in The Sixth Innovation Exhibition for Undergraduate Student.

- Adjusted parameters for detecting and tracking program.

Honors

Academic Achievements

- Qualcomm Scholarship for Innovation and Entrepreneurship (rank 8 of 595) 2015
- Meritorious Winner in *American Interdisciplinary Contest in Modeling* (top 7% of 9773) 2015
- Third prize in Beijing Division on *National Undergraduate Mathematical Contest* (top 15% of 30,000) 2014
- First prize in Beijing Division on *National Undergraduate Mathematical Contest in Modeling* (top 5% of 2,679) 2014
- National Endeavor Fellowship (rank 9 of 629) 2013-1014
- National Scholarship (rank 2 of 592) 2012-2013

Extracurriculum Activities

- Team champion on *Huacai Debate Contest* (rank 1 of 19) 2014
- National first prize on *CCTV Star of Outlook National English Talent Competition* (rank 1 of 123) 2014
- Outstanding Minister of Student Union 2014
- Outstanding Volunteer of Sunshine Volunteers Association 2013
- Merit Student of University 2013