



Siqi Yang

Education

- 01/2016–present **Doctor of Philosophy**, Computer Science.
The University of Queensland, Brisbane, Australia
Supervisors Prof. Brian C. Lovell, Dr. Arnold Wiliem
- 07/2014–07/2015 **Study Abroad**, Information Engineering.
The University of Queensland, Brisbane, Australia
- 09/2011–07/2015 **Bachelor of Engineering**, Information Engineering.
South China University of Technology (SCUT), Guangzhou, China
GPA 3.54/4.0

Research Experience

- 01/2016–present **The University of Queensland**, Security & Surveillance Group.
Ph.D, with Prof. Brian C. Lovell and Dr. Arnold Wiliem
Project: Multi-task Learning for Face Detection
- 07/2014–07/2015 **The University of Queensland**, Ubiquitous Computing Group.
Bachelor Thesis, with Dr. Adam Postula
Project: Advanced FPGA design with ZedBoard
- 04/2014 **China Mobile Communication Corporation**, *Guangzhou Branch*, Core Network Group.
Intern

Publications

- **Using LIP to Gloss Over Faces in Single-Stage Face Detection Networks.**

Siqi Yang, Arnold Wiliem, ShaoKang Chen and Brian C. Lovell
European Conference on Computer Vision (ECCV), 2018

- **It Takes Two to Tango: Cascading Off-the-shelf Face Detectors.**

Siqi Yang, Arnold Wiliem and Brian C. Lovell
Computer Vision and Pattern Recognition (CVPR) Workshop on Biometrics, 2018

Unit 18, 21 Campbell St, Toowong – 4066 Brisbane – Australia
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- **TV-GAN: Generative Adversarial Network Based Thermal to Visible Face Recognition.**

Teng Zhang, Arnold Wiliem, **Siqi Yang** and Brian C. Lovell
International Conference on Biometrics (ICB), 2018

- **The GIST of Aligning Faces.**

Siqi Yang, Arnold Wiliem and Brian C. Lovell
International Conference on Pattern Recognition (ICPR), 2016

- **To face or not to face: Towards Reducing False Positive of Face Detection.**

Siqi Yang, Arnold Wiliem and Brian C. Lovell
Image and Vision Computing New Zealand (IVCNZ), 2016

- **Landmark Manifold: Revisiting the Riemannian Manifold Approach for Facial Emotion Recognition.**

Kun Zhao, **Siqi Yang**, Arnold Wiliem and Brian C. Lovell
International Conference on Pattern Recognition (ICPR), 2016

Honors and Awards

- 2018 **Rank 3rd** in Visual Domain Adaptation (VisDA2018) detection challenge at ECCV 2018
- 2017 **1st Place Presentation** in research theme: Information Engineering, EAIT Postgraduate Conference (EPC), The University of Queensland
- 2014 Successful Participant Prize (approximately 40% of teams), Mathematical Contest in Modeling (MCM), USA
- 2013 Third Prize, University Level, Mathematical Contest in Modeling of SCUT
- 2011, 2012, 2013 Second Class Scholarship of SCUT, Jianzhong Cai Enterprise Scholarship, Third Class Scholarship of SCUT
- 2011, 2012 Excellent Student of SCUT
- 2012, 2013 Excellent Student Leader of SCUT

Professional Activities

- Conference Reviewer IEEE Winter Conference on Applications of Computer Vision (WACV), 2017
- Journal Reviewer Pattern Recognition, Pattern Recognition Letters
- Teaching Assistant Computer Vision & Image Processing (ELEC4630), The Uni of Queensland, 2017
- Teaching Assistant Digital Signal Processing (ELEC4620), The Uni of Queensland, 2017

Languages

Mandarin, Native Language
Cantonese
English IELTS 7.0 overall

Computer skills

Programming Python, MATLAB, C++, Java, VHDL
Tool MATLAB, Visual Studio, Eclipse, Xilinx ISE, Xilinx Vivado, Adobe Photoshop
Platform Windows, Linux

Community Services

- 2011–2013 Head of Social Event Team
Student Union of School of Electronic & Information Engineering, SCUT
- Organized welcome events for more than 800 students.
 - In charge of a ball for more than 800 students.
 - Managed a team of 15 students.
- 07/2012 Short-term Voluntary Teaching in Rural China
- A volunteer teacher in English and dancing
 - Support the rural education in China
 - Aimed to broaden the students' horizon and bring new ideas