XU Shijian

CONTACT INFORMATION	Email: xsj13260906215@gmail.com Phone: (+852)92963364 / (+86)13260906215 GitHub: https://github.com/ShijianXu Homepage: https://shijianxu.github.io

EDUCATION

- **Nanjing University**, Nanjing, China   2014.09 – 2018.06
  B.Sc. in Computer Science and Technology
  National Elite Program

RESEARCH EXPERIENCE

- City University of Hong Kong, HK SAR, China   2018.09 – Current
  Research in computer vision, mainly focus on deep learning and image processing.

PREPRINTS AND PROJECTS

- Image Specular Highlight Removal   2018.09 – 2019.03
  Specular highlights are everywhere in our daily lives. However, they are often undesirable as they can severely bury the details of objects in the scene and degrade the image qualities. This project aims to address the problem via deep learning and synthesized data. draft
- Single Image Heavy Rain Removal   2019.04 – Current
  Heavy rain contains not only rain streaks but also fog. Supervised learning for rain removal requires a lot of annotated ground-truth images or synthesized images, which is usually impractical. To alleviate this problem, this project aims to exploit unsupervised domain adaptation.

RESEARCH INTERESTS

Computer vision and machine learning

PUBLICATION

- Predicting Smartphone App Usage with Recurrent Neural Networks
  S. Xu, W. Li, X. Zhang, S. Gao, T. Zhan, Y. Zhao, W.-W. Zhu, T. Sun
  International Conference on Wireless Algorithms, Systems, and Applications, 2018.

AWARDS

- Second Prize of Excellent Bachelor Thesis Award, Nanjing University   2018
- Third Prize of Elite Program Scholarship, Nanjing University   2017
- Honorable Mention for MCM 2017, Nanjing University   2017
- Third Prize of People's Scholarship, Nanjing University   2016
- Second Prize of People's Scholarship, Nanjing University   2015

ACADEMIC ACTIVITIES

- Third International Conference on Mathematics of Data Science, HK SAR   2019
- 2016 China National Computer Congress, Taiyuan, Shanxi   2016
- One-week study tour in HK's universities   2016

PERONNAL SKILLS

- Speaking Language: Chinese (native), English (advanced)
- Programming Language: C, C++, Python, MATLAB
- Operating System: Windows, Linux