Rongqun Lin

CONTACT INFORMATION

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RESEARCH INTERESTS

Machine Learning: deep learning.
Computer Vision: image restoration.
Video Coding.

EDUCATION

Tsinghua University, Beijing, China — Sep 2014 – Jul 2017

M.E., Department of Automation
- Major in Control Engineering
- Advisor: *Prof.* Qionghai Dai

Fuzhou University, Fuzhou, China — Sep 2010 – Jul 2014

B.S., College of Electrical Engineering and Automation
- Major in Electrical Engineering and Automation

RESEARCH EXPERIENCE

Tsinghua University, China — Sep 2014 – Jul 2017
Research Assistant — Supervisor: *Prof.* Qionghai Dai
Projects: Depth map upsampling, decompressed video enhancement and loop filtering in video coding via deep learning.

CONFERENCE PUBLICATIONS

Rongqun Lin , Yongbing Zhang, Haoqian Wang, Xingzheng Wang, Qionghai Dai, "Deep Convolutional Neural Network for Decompressed Video Enhancement," *Data Compression Conference* (**DCC**), 2016.

Rongqun Lin , Yongbing Zhang, Haoqian Wang, Xingzheng Wang, Qionghai Dai, "Depth Map Upsampling via Progressive Manner Based on Probability Maximization," *Pacific Rim Conference on Multimedia* (**PCM**), 2015.

WORK EXPERIENCE

Guangzhou Regentsoft Technology Col., Ltd., China — Feb 2018 – Feb 2019
Algorithm Engineer
Projects: Cloth image matting for Fitting Room application, Face tracking for membership management system.

Saic-Anji AI Lab, SAIC Motor Corporation Limited, China — Aug 2017 – Feb 2018
Algorithm Engineer
Projects: Data mining and Optimization for Vehicle transfer in Vehicle logistics.

HONORS AND AWARDS

- First Prize of "Caiyuan Scholarship" in Tsinghua University — 2016
- National Encouragement Scholarship — 2013
- Second Prize Scholarship of Fuzhou University — 2013
- First Prize in Fujian Province College Students' Electronic Design Contest — 2012
- Second Prize in China Renesas MCU Car Rally Competition — 2012
- First Prize in the college students' social practice and technological competition for energy conservation and emissions reduction in Fuzhou University — 2012
- Second Prize Scholarship of Fuzhou University — 2012
- Third Prize Scholarship of Fuzhou University — 2011

SKILLS

- Programming: Matlab, C/C++, Python, LaTeX, Visual Studio, OpenCV, Linux.
- Deep learning tools: PyTorch, TensorFlow, Caffe