

XUEJIAN RONG

PERSONAL DATA

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EDUCATION

2013-present The City College, City University of New York, New York, NY 10031

Ph.D. Candidate in Electrical Engineering

Advisor: Professor [Yingli Tian](#)

Research Interests: Text Spotting in Natural Scenes, Image Degradations Removal

2009-2013 Nanjing University of Aeronautics and Astronautics, Nanjing, China

Bachelor of Engineering in Detection and Control Technology

Overall GPA 87/100 Major GPA 88/100 First Class Honors

PUBLICATION

Xuejian Rong, Chucai Yi, Xiaodong Yang and Yingli Tian. *Scene Text Recognition in Multiple Frames based on Text Tracking*. IEEE International Conference on Multimedia & Expo (ICME), 2014

RESEARCH EXPERIENCE

9/2014-present Intelligent Navigation Aid for Visually Impaired Persons

Design new image deblurring algorithm to remove the degradations in captured indoor videos, then use the clear output videos to do real-time indoor navigation for blind people.

9/2013-present Destination Recognition for Visually Impaired Persons

Design new image deblurring algorithm to remove the degradations in captured indoor videos, then use the clear output videos to do automatic target/destinations recognition for the guidance of blind people.

5/2012-4/2013 MICROSOFT KINECT based 3D Object Recognition for Remote Operation

Designed rendering algorithms to control the Haptic Interaction Point (HIP) to interact with virtual environment created by the depth image from KINECT(Microsoft Corp.)

HONOR & AWARDS

2009-2013 First Class Academic Scholarship

For top 10% students in the whole department

TECHNICAL SKILLS

Programming Languages C, C++, Matlab, Python, C# and Shell script with practical experiences

Platforms and Tools Visual Studio, QT, GIT, L^AT_EX, GNU Linux

LANGUAGE

Chinese Mandarin: Native *English:* Fluent *Japanese:* Beginner