

PERSONAL DETAILS

Gender Male
Birth November 13, 1996
Nationality China
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EDUCATION

Sungkyunkwan University (Rank 82rd all over the world) 2018.09 - present
M.S. Electrical and Computer Engineering - Suwon, South Korea
GPA: 4.36/4.5

Xidian University (US News CS ranking 30th) 2014.08 - 2018.06
B.S. Electronic and Information Engineering - Xi'an, China
GPA: 3.34/4.0

RESEARCH EXPERIENCE

Automatic Crime Action Recognition & Intelligent CCTV System with Super-resolution Video Conversion 2019.06 - present
Supervisor: Prof. Joongkyu Kim
Duties: Deep Learning in Semantic Segmentation, Instance Segmentation, Panoptic Segmentation

Semantic Image Segmentation Based on Deep Learning 2017.11 - 2018.06
Supervisor: Prof. Cheolkon Jung
Duties: Deep Learning in Real-time Object Detection & Semantic Segmentation

PUBLICATIONS

- DABNet: Depth-wise Asymmetric Bottleneck for Real-time Semantic Segmentation
Gen Li, Joongkyu Kim
British Machine Vision Conference (BMVC). 2019
- An Optimized Deep Neural Network Detecting Small and Narrow Rectangular Objects in Google Earth Images
Shenlu Jiang, Wei Yao, Man-sing Wong, **Gen Li**, Zhonghua Hong, Tae-yong Kuc, Xiaohua Tong
IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing. (under review)

ACADEMIC ACTIVITIES

NVIDIA AI Conference 2018 2018.11
Seoul, South Korea

International Conference on Electronics, Information, and Communication (ICEIC) 2019 2019.01
Auckland, New Zealand

The Korean Institute of Electronics and Information Engineers 2019.06
Jeju, South Korea

British Machine Vision Conference (BMVC) 2019 2019.09
Cardiff University, UK

RESEARCH INTERESTS

- **Semantic Segmentation, Instance Segmentation**
- **Object Detection, Panoptic Segmentation**
- **Deep Learning and Computer Vision**

LANGUAGE PROFICIENCY

- **English - CET 6 passed, IELTS (under preparation)**
- **Korean – Topik II level 5**

AWARDS AND GRANTS

1. STEM Scholarship, 100% tuition waiver, Samsung Funding
2. First Prize, National English Competition for College Students
3. Third Prize, Chinese College Students' Entrepreneurship Competition
4. Third Prize, Chinese Undergraduate Computer Design Contest
5. National Undergraduate Innovative and Entrepreneurial Training Programs
6. Forth-level Certificate for National Computer Rank Examination
7. Outstanding Student Cadre, Xidian University
8. Outstanding League Cadre, Xidian University
9. Third Class Scholarship, Xidian University