

Yuanzheng Ci

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Education

- Oct.2019 - **Ph.D. in Engineering**, *EIE, The University of Sydney*, Sydney, Australia.
present ○ Supervisor: Prof. Wanli Ouyang and Prof. Luping Zhou
- Sep.2015 - **B.E. in Software Engineering**, *ISE, Dalian University of Technology*, Dalian, China.
- Jun.2019 ○ Rank: Freshmen & Sophomore: **1/96**, Junior: **1/64**, Cumulative GPA: **4.43/5**
○ Dual Degree: **B.A. in Japanese**

Publications

User-Guided Deep Anime Line Art Colorization with Conditional Adversarial Networks.

Yuanzheng Ci, Xinzhu Ma, Zihui Wang, Haojie Li, Zhongxuan Luo

ACM MM, 2018

Research Experience

- Jul.2018 - **SenseTime Group Limited**, Beijing, China.
present *Research Intern*
○ **Neural Architecture Search**
Proposed a novel neural architecture search space and a corresponding algorithm that outperformed previous state-of-the-art models in terms of accuracy with resource constraints. Also a major contributor to the NAS tool chain of the sensetime research.
- Dec.2016 - **Group of Learning and Intelligent Understanding for Vision and Multimedia**, *Dalian University of Technology*,
Jun.2019 Dalian, China.
Research Assistant
○ **User Guided Anime Sketch Colorization**
Proposed a model and a dataset for accurate anime line art colorization. This model improved the visual result over the previously proposed methods.
○ **Deep Non-Uniform Blind Motion Deblur**
Constructed a cascade model with dilated ResNeXt blocks that reduces the running speed and improves the PSNR score on the GOPRO dataset over the previous state-of-the-art result at that time.

Activities and Awards

Activities

- May.2017 - **Screw Studio**, Center of Innovation & Practice, Dalian University of Technology.
Jul.2018 *Leader*
○ Founder of DataScience/DeepLearning Interest Group of Screw Studio
○ Managed five groups of the studio and held [seminars](#) about ML, DL and Python
- Jul.2016 **College of Information Science & Engineering, Ritsumeikan University**, Kusatsu, Japan.
Short Term Exchange Program

Awards, Scholarships, and Patents

- Jan.2019 **Outstanding Graduate of Liaoning Province (Top 3%)**, *The Educational Department of Liaoning Province*.
- 2016&17&18 **Learning Excellence Award (First Prize, Top 5%)**, *Dalian University of Technology*.
- Dec.2018 **Lingshui Scholarship (Second Prize)**, *Dalian University of Technology*.
- Nov.2018 **Excellence Award**, *International Entrepreneurship Contest for University Students*, Hyogo, Japan.
- 2019 **A Multi-Branch Approach for Resource Constrained Neural Architecture Search**, *Chinese Patent (Pending)*, ID: 201910457280.1.
Yuanzheng Ci, Chen Lin, Wei Wu,
- 2018 **User-Guided Semantical Line Art Colorization**, *Chinese Patent (Pending)*, ID: 201810533325.4.
Yuanzheng Ci, Haojie Li, Zihui Wang and ZhongXuan Luo,

Skills

- Programming C/C++, JAVA, PYTHON(NUMPY, SCIKIT-LEARN, PANDAS, CAFFE2, PYTORCH), LISP, L^AT_EX
- Languages ENGLISH IELTS: 7.0 (L:8.0, R:8.5, W:6.0, S:6.0), JAPANESE JLPT N1: 150 (LK:44, R:60, L:46)

Interests

Kendo, Badminton, Psychology