

JUNYI DU

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🎓 EDUCATION

University of Southern California (USC), Los Angeles, CA Jan. 2018 - Present

M.S. in Computer Science, expected May 2019

Current GPA: 4.0/4.0 (9/28 Units)

South China Agricultural University (SCAU), Guangzhou, China Sep. 2012 - Jun. 2016

B.S. in Computer Science

Overall GPA: 89.8/100 · Major GPA: 93.0/100

⚙️ SKILLS

- Familiar: C/C++, Python, JavaScript, Tensorflow
- Learning: Go, PyTorch

🏢 EXPERIENCE

University of Southern California Jan. 2018 - Present

Directed Research Intelligence and Knowledge Lab (INK Lab), Supervisor: Xiang Ren

Directed Research in NLP

- Focusing on topics in Machine Translation
- Exploring approaches to optimize beam search

SenseTime Ltd., Shenzhen, China Sep. 2017 - Dec. 2017

Research Intern Big-Video Research Group, Supervisor: Ping Luo

Learning Image Representation by Delving into Noisy Images

- Mainly focused on analyzing the distributions of clean and noisy images, and training clean image classification models in an unsupervised fashion
- Explored large-scale, weakly-supervised, heavy-noise datasets such as WebVision using techniques like Margin Loss, Curriculum Learning and Reinforcement Learning
- Experimented on GPU clusters with Tensorflow

Sun Yat-sen University, Guangzhou, China Jun. 2017 - Sep. 2017

Research Assistant Human Cyber Physical Intelligence Integration Lab (HCP Lab), Supervisor: Liang Lin

Attentional Crowd Flow Machines

- Built a deep architecture which naturally incorporates sequential and periodic data to estimate crowd flow based on Residual Networks and Convolutional LSTM
- Responsible for building and training our deep models with Tensorflow

★ HONORS AND AWARDS

Scholarships, SCAU 2014, 2015

10th Place (Silver Medal), 2014 ACM-ICPC Guangdong Programming Contest May 2014

Honorable Mention, 2013 ACM-ICPC Asia Regional (Chengdu Site) Oct. 2013

🔗 LINK

- 🌐 Github: <https://github.com/cnrpman>
- 🌐 Website: <https://rpman.net>