

Chuhang Zou

BASIC INFORMATION	Department of Computer Science, University of Illinois at Urbana-Champaign Website: web.engr.illinois.edu/~czou4/ Email: czou4@illinois.edu Mobile Phone: +1 217-974-5816
EDUCATION BACKGROUND	Ph.D. Candidate in Computer Science, UIUC (qual passed) 2014 - present Advisor: Prof. Derek Hoiem B.S. in Computer Science, Zhejiang University, China 2010 - 2014 Advisor: Prof. Deng Cai GPA: 3.94/4.0 (90/100), Rank 3/170
RESEARCH INTERESTS	3D deep learning, visual scene understanding, 3D shape reconstruction, generative modeling
PUBLICATION	[1] Chuhang Zou , Alex Colburn, Qi Shan, Derek Hoiem: LayoutNet: Reconstructing the 3D Room Layout from a Single RGB Image. Conference on Computer Vision and Pattern Recognition (CVPR), 2018. [2] Chuhang Zou , Ersin Yumer, Jimei Yang, Duygu Ceylan, Derek Hoiem: 3D-PRNN: Generating Shape Primitives with Recurrent Neural Networks. International Conference on Computer Vision (ICCV), 2017. [3] Chuhang Zou , Ruiqi Guo, Zhizhong Li, Derek Hoiem: Complete 3D Scene Parsing from an RGBD Image. Under review in IJCV. [4] Ruiqi Guo, Chuhang Zou , Derek Hoiem: Predicting Complete 3D Models of Indoor Scene. arXiv:1504.02437. [5] Chuhang Zou , Yao Hu, Deng Cai, Xiaofei He: Salient Object Detection via Fast Iterative Truncated Nuclear Norm Recovery. International Conference on Intelligence Science and Big Data Engineering (IScIDE), 2013. (Full Oral). [6] Xiaojun Ding, Chuhang Zou , Jingyu Chen, Fengyuan Zou: Extraction and classification of She nationality clothing via visual features. Textile Research Journal, 2015: 0040517515609260. [7] Undergraduate Thesis: Saliency Detection via Truncated Nuclear Norm Recovery. Top 100 thesis award in Zhejiang University
EXPERIENCE	Computer Vision Intern, Zillow Group , Summer 2017 <ul style="list-style-type: none">• Project: Indoor scene reconstruction using deep learning• Manager: Qi Shan Research Intern, Adobe Research , Summer 2016

- Project: 3D shape reconstruction using deep learning
- Mentor: Ersin Yumer, Jimei Yang and Duygu Ceylan

Software Engineering Intern, **Google**, Summer 2015

- Project: Cardboard, Jump, Virtual Reality
<https://www.google.com/get/cardboard/jump/>
- Host: Richard Bowen

Research Intern, **University of California, Los Angeles**, Summer 2013

- Project: 3D Scene Estimation and Object Detection
- Advisor: Prof. Alan Yuille

PATENT

[1] Fengyuan Zou, **Chuhang Zou**, Xiaojun Ding. National Copyright Administration of software copyright registration: Extraction and recognition of the She nationality clothing characteristics software V1.0. Software copyright registration No. 0819491. Registration No:2014SR150252. Authorized October 2014, China

SKILLS

- Documentation: \LaTeX 2 ϵ , HTML, MS Office
- Programming: C++, C, Java, Python, Linux Shell, Matlab
- Deep learning tools: Caffe, Torch, MatConvNet
- OS: Linux, Windows, Mac
- Language: Fluent English, Native Chinese

SELECTED HONORS AND AWARDS

Scholarships & Honors

- National Scholarship in China (**1.5%**), 2011
- Baosteel Special Scholarship, 2013
- Ten Top Student Award, Zhejiang University, 2013
- He Zhijun Scholarship (**1/370+**), 2014
- Chu-Kechen College Special Honor, 2014
- First Prize, Research and Innovation Scholarship, 2013
- Excellent Student Awards, 2011, 2012, 2013
- First-class Scholarship for Outstanding Students (**3%**), 2011, 2013

Awards & Prizes

- Meritorious Winner, Interdisciplinary Contest in Modeling, Consortium for Mathematics and Its Application, 2013

ACTIVITIES AND MEMBERSHIP

- Program Committee member, IJCAI-ECAI 2018, Stockholm
- Reviewer, International Journal of Computer Vision
- Student Volunteer, ACM SIGKDD 2012
- Undergraduate Representative & Judge, the 4th Xinping Grants, Zhejiang University, 2014.02 - 2014.06
- President, News Network Center of the College of Computer Science & Technology, 2011.11 - 2012.07
- Vice president, News Agency of Zhejiang University, 2011-2012