

Experience in Doing a DPhil

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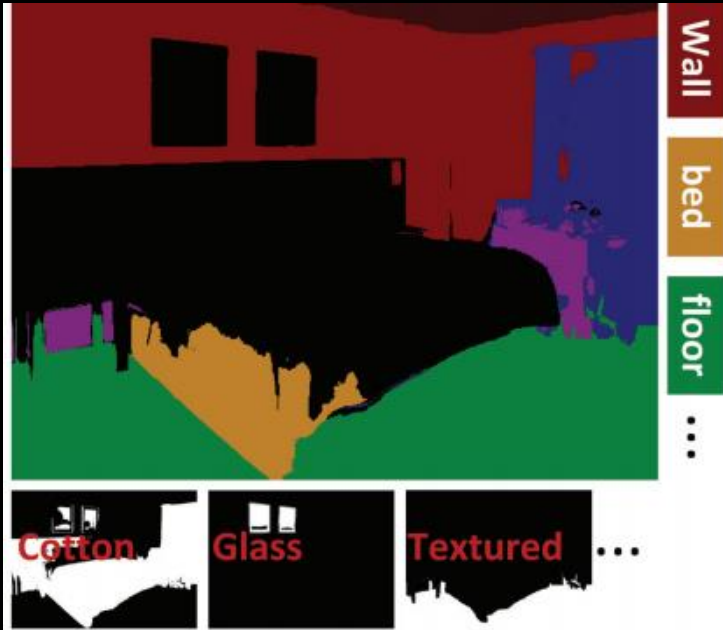
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Experience

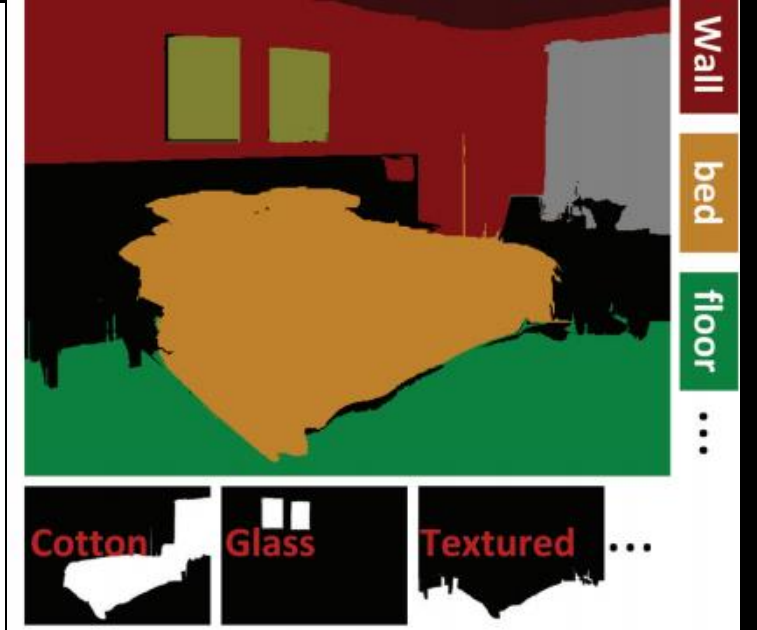
- NLPR, Chinese academy of Sciences
- Torr-Vision Group, University of Oxford
 - 1st year PRS/DPhil transfer report
 - 2nd year DPhil confirmation
 - 3rd year or 4th year DPhil thesis submission and defense

Lessons learned in doing a DPhil

- Which research problem you are working on is important
- Implement something important and simple in the field
- First write your paper, then start the experiments
- Know when to pivot
- Internship
- Time management
- Be confidence about your work



automatic scene parsing results



natural language guided parsing



glass picture
center-middle.

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CRF-RNN

Try your own image:


Provide an image URL Process Image

Or upload it here:
Browsing

Tweet



Original image (hover to highlight segmented parts)



Semantic segmentation

Objects appearing in the image:

Bicycle Person

The image shows a user interface for a CRF-RNN demo. At the top, there is a section titled "Try your own image:" with a text input field labeled "Provide an image URL" and a blue "Process Image" button. Below this is another section "Or upload it here:" with a "Browsing" button. To the right of the "Browsing" button is a "Tweet" link. The main content area displays two side-by-side images. The left image is the original photograph of a group of cyclists riding on a gravel path through a field of purple flowers. The right image is the same photograph with semantic segmentation applied, where the cyclists and their bicycles are highlighted in semi-transparent colors (pink for people, green for bicycles). Below the images are two captions: "Original image (hover to highlight segmented parts)" and "Semantic segmentation". At the bottom, there is a section "Objects appearing in the image:" with two colored buttons: a green button labeled "Bicycle" and a pink button labeled "Person".

http://www.robots.ox.ac.uk/~szheng/crfasrnn_demo

Thank you.

<http://kylezheng.org/>