

# Past VQG Papers

The following are potential papers/projects that relate to the topic of Visual Question Generation.

## **Project: Generating Natural Questions about an image (2016)**

Link:

<https://paperswithcode.com/paper/generating-natural-questions-about-an-image>

Problems:

- Uses VQA dataset, not VQG
- Outdated code, libraries (Python 2.7, Torch, etc.)

Note: Reproduction of this project was attempted, but unsuccessful

## **Project: Class Acquisition of Unknown Objects (2018)**

Link:

<https://paperswithcode.com/paper/visual-question-generation-for-class>

Problems:

- CUDA is required
- Visual Genome Dataset Required

## **Project: Location-Aware Visual Question Generation (2023)**

Link:

<https://paperswithcode.com/paper/location-aware-visual-question-generation>

Problems:

- Uses GPT-4
- Multiple location based images (Google Street view), so not in the scope of this project
- <https://paperswithcode.com/paper/multimodal-differential-network-for-visual>

## **Project: Multimodal Differential Network for Visual Question Generation (2018)**

Link:

<https://paperswithcode.com/paper/multimodal-differential-network-for-visual>

Problems:

- Documentation doesn't show a way to demo on a sample image