

Guidelines for using GCE

For your final projects in the course, you might need additional computational and storage resources. This year we offer the Google Cloud Engine (GCE) [1] as an infrastructure for developing and testing your projects.

Using GCE requires credits. New users receive 300\$ credit by default, which can supply many hours of GPU usage [2]. We also have additional credits for cases when the initial quota will not suffice. However, we encourage you to use the available resources efficiently.

To start, we highly recommend you to follow the GCE tutorial of Stanford CS231n [3]. This tutorial goes through the details of opening an account, creating instances in the cloud and configuring access to them. A few important remarks before you start:

- Using GCE requires you to have a Google account
- Choosing to work on GCE does not limit you to a specific code framework. This means that you are free to choose your programming language and packages, as you wish.
- The Stanford CS231n tutorial does not cover the configuration of GPU devices. Yet, it only requires a simple change in the instance configuration. You can find more details and examples in the official documentation [1].

[1] <https://cloud.google.com/compute/docs/>

[2] <https://cloud.google.com/products/calculator/>

[3] <http://cs231n.github.io/gce-tutorial/>