Prepare mini-Conda environment and install gaft GA-framework

 # 1. Get Miniconda-installer
https://conda.io/miniconda.html

 # 1.2 Execute - installation will create conda-workspace in your home directory
chose name for directory and allow to create PATH variable in .bashrc

 # 1.3 Create environment for project - confirm installation of basic packages
conda create -n <env_name> python

 # 1.4 activate it
source activate <env_name>

 # 1.5 upgrade pip
pip install --upgrade pip

 # 2. Set up channels - execute the commands in given order for correct priorities
conda config --add channels defaults
conda config --add channels bioconda
conda config --add channels conda-forge

 # 3. get openMPI and extract
https://www.open-mpi.org
tar -xjf <filename.tar.bz2>

 # 3.1 install
./configure --prefix=$HOME/<install dir> # and go get a coffee
make # go get another one
make install # you know the drill

 # 3.2 add to PATH in /home/<user>/.bashrc
export PATH="$HOME/<install dir>/bin:$PATH"

 # 4. Install mpi4py (make sure that the environment is still active)
pip install mpi4py

 # 5. Install gaft - the installation will actually install mpi4py if not present
pip install gaft

6. Run MPI job in SLURM with 'mpi4py'
Take a look at the accompanying "hello_mpi" example based on:
https://github.com/chunglabmit/phathom/wiki/Using-mpi4py-on-SLURM

7. Run GAFT example in SLURM
Take a look at the "gaft_intro" example based on:
https://github.com/PytLab/gaft