| Chapter<br>number | Software required (With version)      |
|-------------------|---------------------------------------|
| 1                 | Python 3.3                            |
| 2                 | Python 3.3                            |
| 3                 | Python 3.3                            |
|                   | mpich-3.1.4                           |
|                   | pip 6.1.1 o latest (Python installer) |
|                   | mpi4py1.3.1 (Python module)           |
| 4                 | Python 3.3                            |
|                   | Asyncio 3.4.3 (Python module)         |
| 5                 | Python 3.3                            |
|                   | RabbitMQ 3.5.3                        |
|                   | Celery 3.1.18 (Python module)         |
|                   | Numpy 1.9.2                           |
|                   | Flower 0.8.32 (Optional)              |
|                   | SCOOP 0.7.2 (Python module)           |
|                   | Pyro4 4.36 (Python module)            |
|                   | PyCSP 0.9.0 (python module)           |
|                   | DISCO 0.5.2 (Python module)           |
|                   | RPYC 3.3.0 (Python module)            |
| 6                 | Python 2.7                            |
|                   | PyCUDA 2015.1.2 (python module)       |
|                   | CUDA TOOLKIT (4.2.9)                  |
|                   | NVIDIA GPU SDK (4.2.9)                |
|                   | NVIDIA GPU DRIVER                     |
|                   | (4.2)                                 |

Microsoft Visual Studio 2008 C++ Express Edition

Anaconda Python Distribution

NumbaPro Compiler

PyOpenCL 2015.1(Python module)

Win32 OpenCL Driver (15.1)