**Introducing the Cerebras SDK**

* Programmable via SDK or ML frameworks like Tensorflow and Pytorch
* CSL: Cerebras Software language
* Programmer’s perspective
  + Host CPU(s): Python
    - Loads program onto simulator or CS-2 system
    - Streams in/out data from one or more workers
  + Device: CSL
    - Target software simulator or CS-2
* CSL
  + Similar to C/C++
  + Any CSL source code file is a module
    - Can be imported into other modules
  + Tasks
    - Special functions to implement dataflow programs
  + Data structure descriptors
    - Special variables used as pointers to tensors or for communication
* Writing a program
  + host.py and device.csl
  + Compile device code with ‘cslc’, outputting .elf file
  + Run via host.py on simulator or CS-2