Neuromorphic computing architectures are spike based processors that differ from traditional (i.e., GPU, CPU) compute nodes. In particular, they are build on top of a (weighted, directed) graph and function very much like brains. Their unique architecture makes them well suited for a number of tasks, including implementation of graph algorithms in a low energy, highly parallel way. In this talk, I will provide a primer on neuromorphic computing, and explain how one implements several graph algorithms on neuromorphic machines. No background on neuromorphic computing (or programming in general) is required.

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