How to wake up a computer on LAN

First, install "wakeonlan" or "etherwak". When it's done, simply use the name of the program, then the MAC address of the computer to wake up. Example:

wakeonlan 50:E5:49:C2:2E:DD

*Notice that "Wake-On-LAN" must be enabled in the target computer's BIOS.

Also, the program "ethtool" is a good tool to know some info about your computer. You can use it to know if Wake-On-LAN is enabled on yours.

Example:

sudo ethtool eth0

Source(s):

http://www.cyberciti.biz/tips/linux-send-wake-on-lan-wol-magic-packets.html