A couple of book that our professors wrote are great resources for introductory web and network-based hacking:
http://www.amazon.com/Basics-Hacking-Penetration-Testing-Second/dp/0124116442/ref=asap_bc?ie=UTF8
http://www.amazon.com/Basics-Web-Hacking-Techniques-Attack/dp/0124166008/ref=sr_1_1?s=books&ie=UTF8&qid=1435112163&sr=1-1&keywords=josh+pauli

Outside of their books, I have read and used:
http://www.amazon.com/Metasploit-Penetration-Testers-David-Kennedy/dp/159327288X/ref=sr_1_7?s=books&ie=UTF8&qid=1435112192&sr=1-7&keywords=web+application+hackers+handbook

If you are looking for some online sources to get started with, check out Hak5 (https://hak5.org). They have tons of podcasts, YouTube videos, online tutorials, etc. that show some really cool stuff.
Good Blogs:
http://carnal0wnage.attackresearch.com
http://www.darknet.org.uk
http://pen-testing.sans.org/blog#__utma=216335632.177439652.1432927546.1432927546.1435114988.2&__utmb=216335632.2.9.1435114995493&__utmc=216335632&__utmx=-&__utmz=216335632.1435114988.2.2.utmcsr=googlelutmccn=(organic)lutmcmd=organiclutmctr=(not%20provided)&__utmv=-&__utmk=145811831

There are some organizations and leagues set up to help you become a better pen tester or identify areas that you may be interested in studying:
https://www.hackthissite.org
http://www.hackersforcharity.org
https://ctf365.com (there is a free edition)