Signing a Document with a Private Key

If I want **to "sign"** a document*, I
- **encrypt** the document **with** my **private key,**
- then make the document available to others.

Anyone can obtain my public key
- and use it to decrypt the document.
- **Only I could have encrypted the document**,
- since only I have my private key.

*Adding a verifiable date takes a little more work.