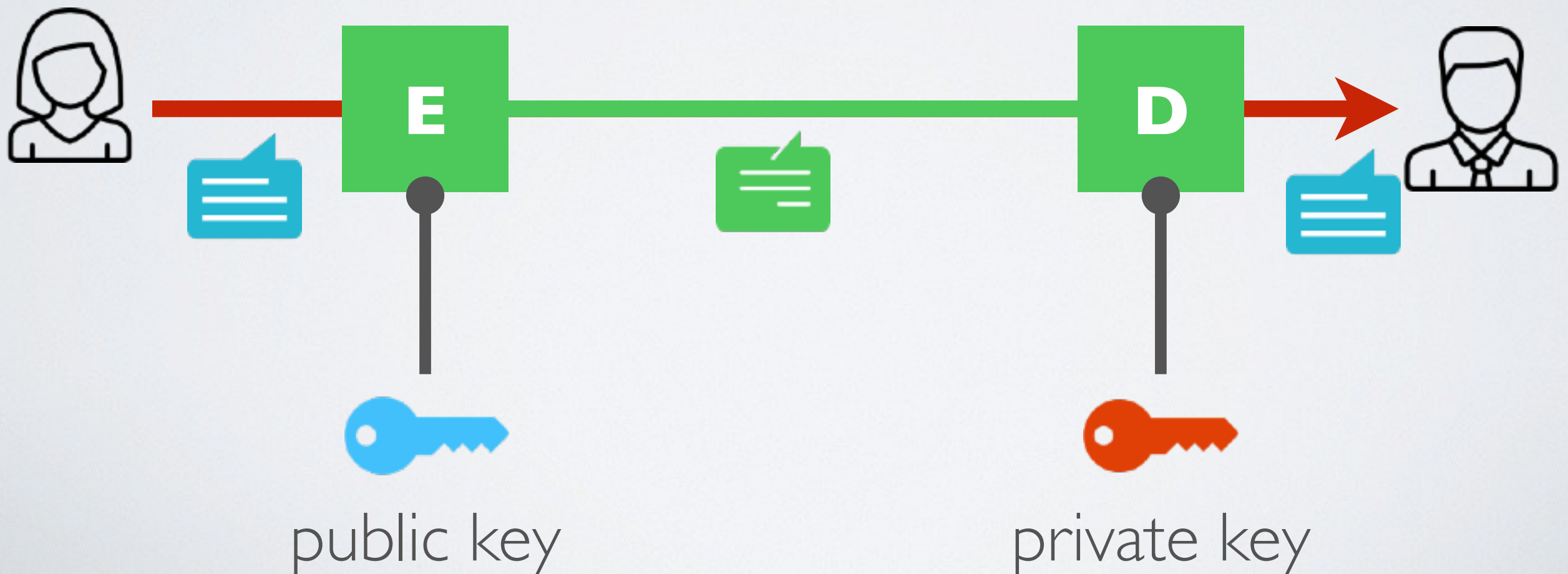


Asymmetric encryption a.k.a Public Key Cryptography

- ➡ The public key for encryption
- ➡ The private key for decryption



Asymmetric keys



Alice generates a pair of asymmetric keys

- K_{s_A} is the secret key that Alice keeps for herself
 - K_{p_A} is the public key that Alice gives to everyone (even Mallory)
- ➔ These two keys K_{s_A} and K_{p_A} work together