IP Addresses

- An IP Address is a **logical** address used in order to **uniquely identify** a device on an IP network.

- It's a **Network Layer** address associated with routing.
  - **OSI Layer 3**: Network Layer
  - **TCP/IP Layer 2**: Internet Layer

- There are two versions:
  - **IP version 4 (IPv4)**
    - Example: 192.168.0.1
  - **IP version 6 (IPv6)**
    - Example: 2001:DB8:85A3:0:0:8A2E:370:7334

- We'll be discussing both versions in this course.