

Computing Systems - Vocabulary

Parallel programming

The use of multiple resources to solve a problem

DNS

Domain Name System, naming system for anything connected to the Internet

Distributed computing

A computer system that consists of multiple programs on multiple computers, but are run on a single system.

Phishing

Presenting oneself as false credibility to get other people's information
Ex. Spam

Power Supply Unit

Distributes power throughout the computer

Mainframe

The main processing unit and memory of a computer

Bandwidth

Frequencies in a band that is used to transmit a signal

Malware

Software designed to damage computers and systems
Ex. Virus

TCP/IP

Internet protocol suite, a set of protocols used in network or the Internet

Fault tolerance

Allows an OS to respond to failures in soft- and hardware

RAM

Random access memory, stores current processes so it remembers what it did before

Gigabyte

A unit of measure that stores information, approx. 1B bytes

Network

A system of interconnected things



Bias in computing

Errors in a system that compute unfair outcomes

UDP

User Datagram Protocol, a protocol that makes connecting to things more efficient and smooth

Protocol

A set of rules or data that is made to communicate data



Copyright

The exclusive right to use something you or someone else created as your own

Packet Data

Data that is transmitted across the network

Security threats to systems

A negative event that threatens security to systems
Ex. malware

Crowdsourcing

Enlisting the aid of people or services to help create a project