Introduction to Computer Architecture

# Lecture 1

## What is computer architecture?

What is it about?

* Fundamental principles behind computer hardware
* Individual hardware components and technologies
* Historical, current and future architectures

Why is it important?

* Only a tiny bit of you will work in computer architecture
* But by knowing hardware you become a better programmer, network administrator, IT consultant
* Write code that is fast, lower power, lower-memory, more secure
* Understand arc of history to predict or create the future.