

Lecture 1: Introduction

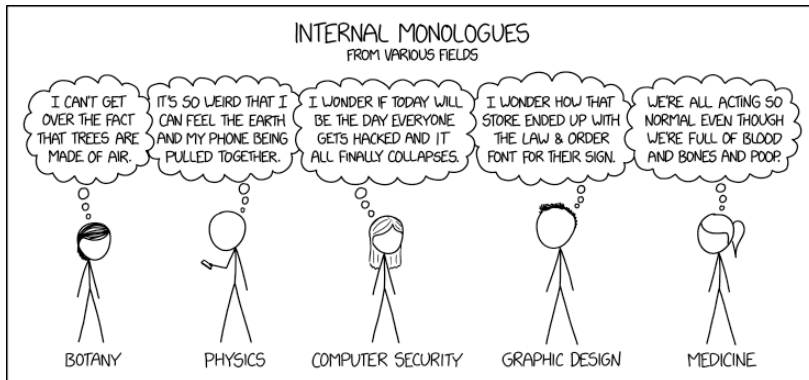
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ECS 154B: Computer Architecture

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Outline

- Introduce myself
- Meltdown/Spectre and computer architecture
- Syllabus
- New labs



<https://xkcd.com/2057/>

Introduction

What is computer architecture?

- understanding the 1's + 0's
- how a CPU works + coordinates w/ other parts
- Architecture: designing structures

Meltdown and Spectre



intro-spectre

Security

Syllabus

Syllabus: <https://github.com/jlpteaching/ECS154B/blob/master/syllabus/syllabus.md>

Everything is on github: <https://github.com/jlpteaching/ECS154B/>

Labs

New and improved!

Demo!