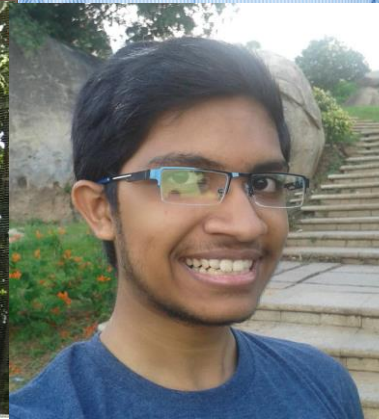


# THE TEAM: SPEAKERS AND TUTORS



# THE PROCESS

- ~140 Applicants: 55 Shortlisted
- Applicants from all corners of the country
- Biswa Shortlisted them based on their skills/interests, SOP, and in some cases recommendations.
- Thank me if you are here and curse me if you are not here 😊

# Why CASS?

- To improve the ecosystem in terms of computer systems research in India.
- First of its kind in India: Lectures + Hands-on + Discussions spanning over 5 days.
- Academia + Industry (Thanks to Intel and AMD)

# Computing Stack

**Problems**

**Algorithms**

**Programming Languages/Compilers**

**Operating Systems**

**Microarchitecture**



# Abstractions

It is good if you don't care about the performance of underlying entities.

**What?**

**ABSTRACTION BARRIER**

**How? Why?**

How many of you can drive a bike?

How many of you know how a bike works?





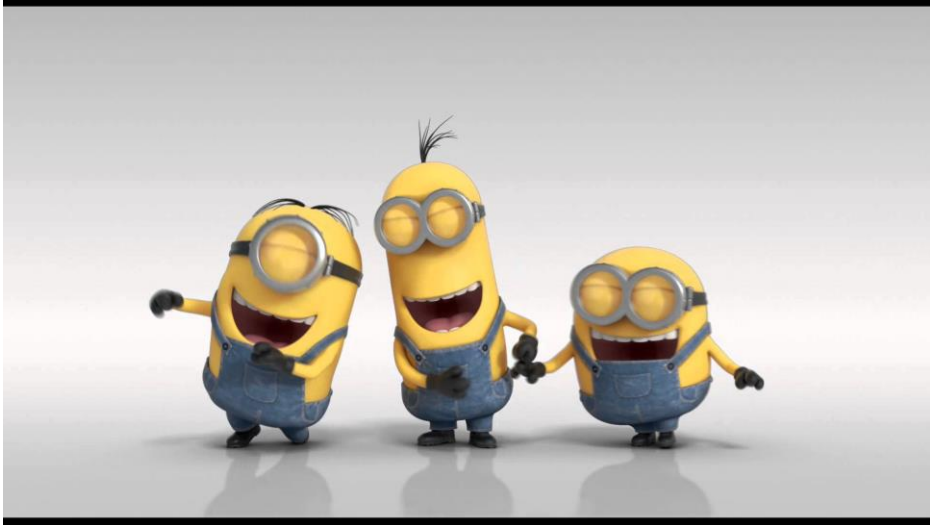
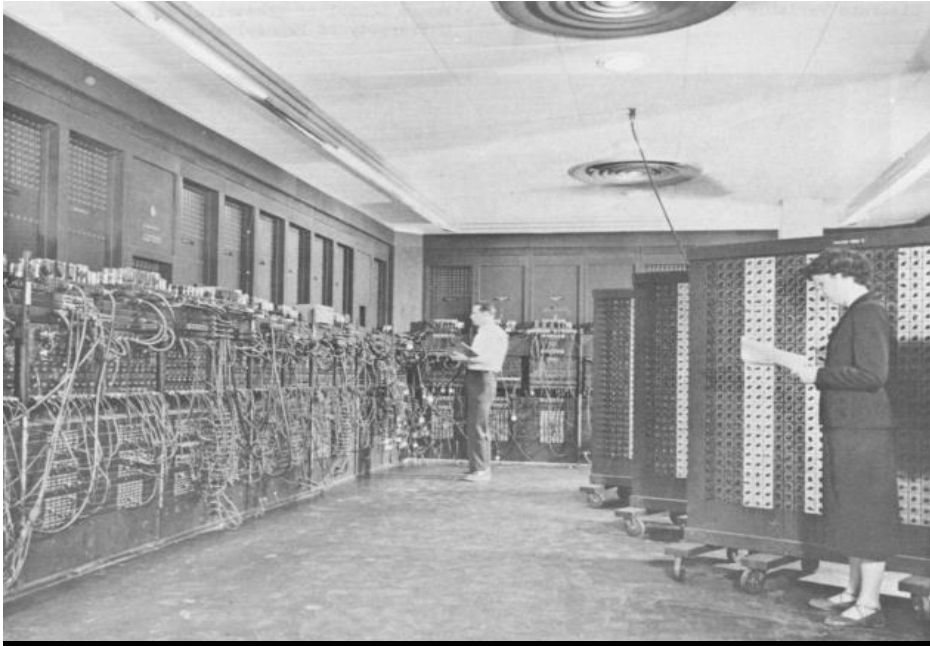
*“I don’t think there will ever be a market for more than **five** computers in this world”*



*“**640 KB** of memory ought to be enough for anybody”*



# Reality







Welcome to CASS '18: The one-stop-place for  
**Why and How** of Computer Architecture.