Python Programming
Inheritance Homework 1

Mostafa S. Ibrahim
Teaching, Training and Coaching since more than a decade!

Artificial Intelligence & Computer Vision Researcher
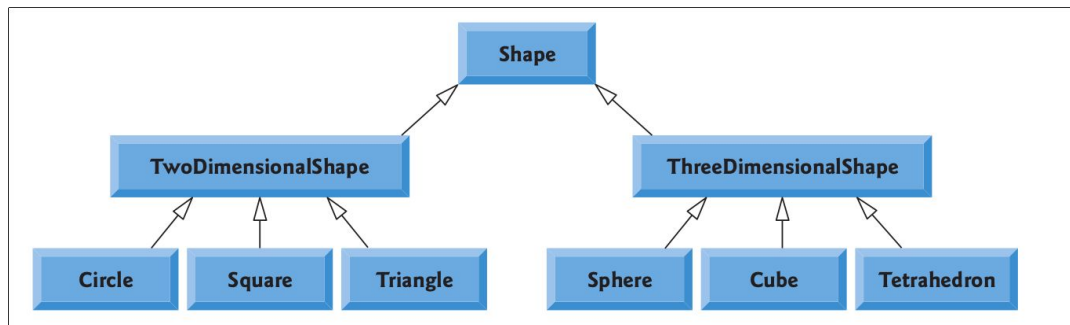*PhD* from Simon Fraser University - Canada
Bachelor / Msc from Cairo University - Egypt
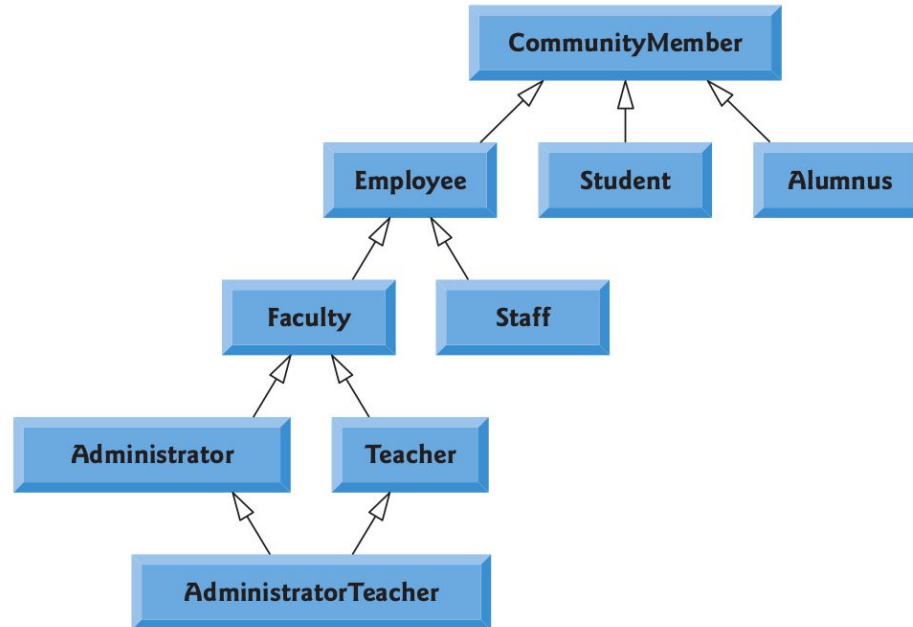Ex-(Software Engineer / ICPC World Finalist)

Problem #1: Build Hierarchy

- Design set of classes (no data/functions) to express this classes hierarchy

Problem #2: Build Hierarchy

- Design set of classes (no data/functions) to express this classes hierarchy

Img Src

Problem #3: Customer Requirement

- While taking to a customer asking to build a web application for their app he said: "*In our system, customers may pay money with cash, cheque, credit or debit card*"
- Each order in the system should indicate how money was paid
- Design set of classes that can potentially represents such requirement
  - Mainly classes, no attributes

"Acquire knowledge and impart it to the people."

"Seek knowledge from the Cradle to the Grave."