INHERITANCE
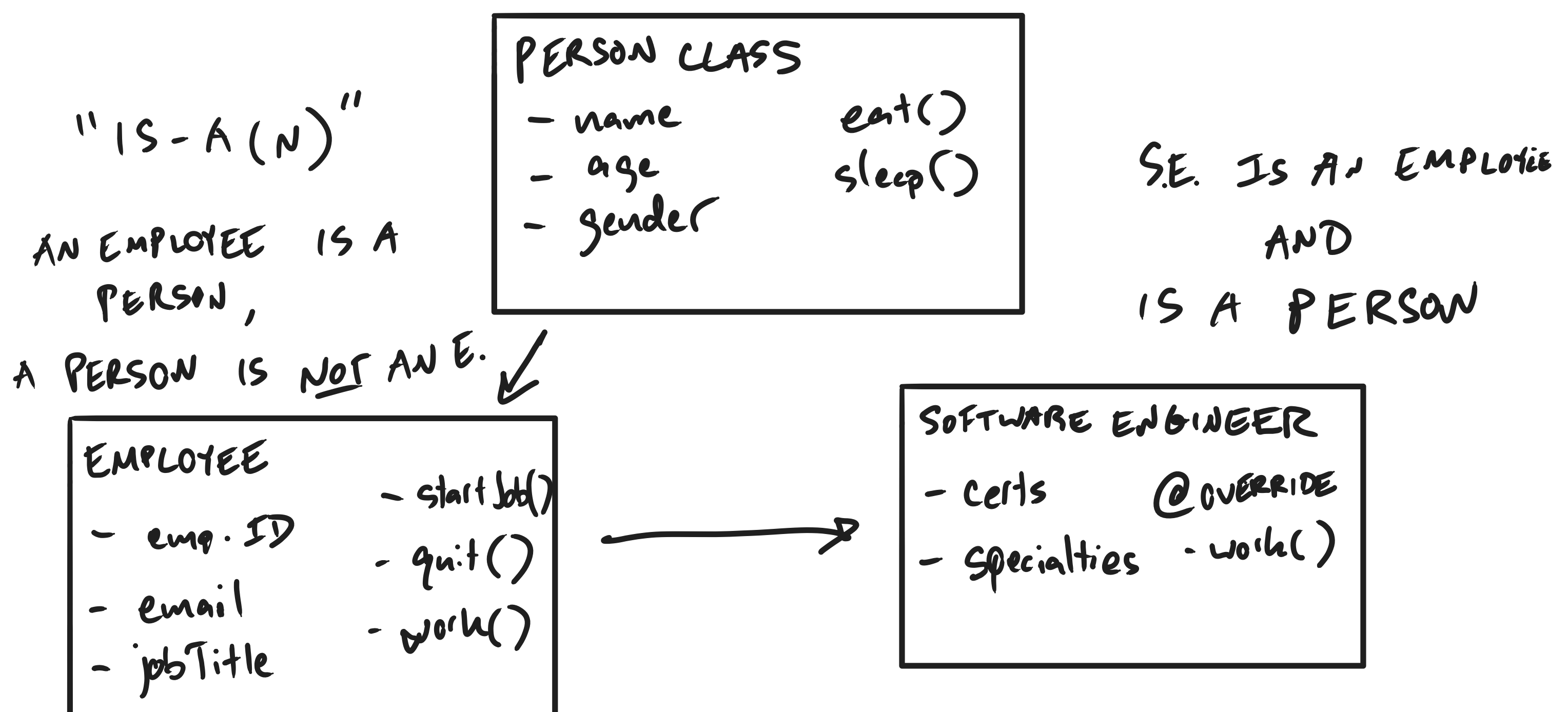
- REUSING CODE

- PARENT/CHILD CLASSES
  = SUPERCLASS/SUBCLASS

- CAN INHERIT IN A CHAIN

- INHERIT METHODS, PROPERTIES, CONSTRUCTORS

"IS-A(N)"

AN EMPLOYEE IS A
   PERSON,
A PERSON IS NOT AN E. ↙

```
PERSON CLASS
 - name          eat()
 - age           sleep()
 - gender
```

S.E. IS AN EMPLOYEE
        AND
    IS A PERSON

```
EMPLOYEE
 - emp. ID      - start Job()
 - email        - quit()
 - jobTitle     - work()
```
→
```
SOFTWARE ENGINEER
 - certs      @OVERRIDE
 - specialties  - work()
```

- A CLASS MAY INHERIT FROM ONE AND ONLY
     ONE CLASS!!

- ANY # OF CLASSES MAY INHERIT FROM
     A GIVEN CLASS