TYPICAL HIERACHCY OF FUNCTIONS FOR ANY DIGITAL DEVICE



APPLICATIONS: GRAPHICAL USER INTERFACES (GUI)

PROGRAMMING: OBJECT ORIENTED LANGUAGE (C++, JAVA)

| Companies | Comp

APPLICATIONS: SIMPLE DATA MANIPULATIONS, FILE I/O

PROGRAMMING: HIGH LEVEL LANGUAGE (C, FORTRAN)

OPERATING SYSTEM (OS) HW/SW CONTROL

PROGRAMMING: ASSEMBLY LANGUAGE (x86, ARM, GNU)



HARDWARE (MOTHERBOARD & PERIPHERALS)