Hardware

Microchip PIC (PIC18F4520), Xilinx FPGA (Spartan-3E), MSP430F5529 (real-time operating systems), PICPLC16 v6 5

Some of Software tools

Xilinx IDE, mikroC for PIC, NetBeans IDE, 8086 assembler, GNS3, StarUML2, Code Composer Studio, Exel, matCAD, GAMS (General Algebraic Modeling System), UML, SAP Power Designer, Drools, e2gRuleEngine, JIRA, Visual Studio (Code), Git, Matlab, Jupyter notebook