C++ virtual functions C++ pure vitrual/abstract C++ polymorphism C++ inheritance Digital Design flip flop Digital Design latch Digital Design multiplexer Digital Design decoder Digital Design encoder

Digital Design priority encoder

English written English spoken Computer Architecture pipeline valid pipeline stall Computer Architecture pipeline enable Computer Architecture Computer Architecture register file Computer Architecture arbiter Computer Architecture **FIFO** Computer Architecture semaphore Computer Architecture RISC pipeline Computer Architecture full adder Computer Architecture cla adder

OOP **Patterns** OOP factories OOP adaptor OOP visitor OOP decorator Data structures binary tree child/sibling tree Data structures Data structures red black tree

Data structures binary decision diagram BDD

Algorithms Big O
Algorithms tree-DFS
Algorithms tree-BFS
Algorithms tree-bottom up

Algorithms dynamic programming

Algorithms other

Graph Theory spanning tree ST
Graph Theory minimum ST
Graph Theory shortest path
Graph Theory longest path
Graph Theory traversal
Graph Theory SCC

Graph Theory hamiltonian path

Graph Theory euler path
Scripts Perl

Scripts Bash
Scripts csh
Scripts python
Scripts other