Technologies: M.S. Computer Sciences

Programming 1, Grade: A
Java, compiling, testing, debugging

Programming 2, Grade: A
Java, Object Oriented Programming, polymorphism, abstraction, encapsulation, list, stack, queue, priority queue, binary search tree

Intro to Operating Systems, Grade: A
C, operating system structure, process and thread synchronization and concurrency, file systems and storage servers, memory management, process scheduling, resource management, virtualization

Intro-Artificl Intelligence, Grade: A
Java, supervised and unsupervised learning, linear regression, k-Nearest neighbors, Naive Bayes, neural networks, deep learning

Database Mgt Systems, Grade: AB
SQL, relational database management systems, data model, relational model, indexing, query optimization

Introduction to Algorithms, Grade: A
Algorithmic techniques and ideas, proofs, counterexamples, choosing the correct algorithm during the problem solving process

Intro-Progm Langs&Compilers, Grade: A
Java, studied and built a fully functioning compiler

(Graduate Level) Machine Learning, Grade: B
Python, TensorFlow, nearest neighbor, decision tree learning, support vector machines, Bayesian networks, neural networks, unsupervised and reinforcement learning

(Graduate Level) Adv Comp Security & Privacy, Grade: A
Explored various popular modern security risks and attack vectors

(Graduate Level) HPC for Apps in Engr, Grade: A
C++, CUDA, MPI, OpenMP, CMake, gdb, cuda-gdb, Linux-controlled supercomputing, GPU and CPU based parallel computing, computer architecture concepts to maximize program speed and efficiency

(Graduate Level) Computer Vision, Grade: A
MATLAB, image formation, feature detection, motion estimation, image mosaics, 3D shape reconstruction, object recognition