After an internship:

* If you get a better job offer, ask your employer for a reference
  + Get their linkedin account
* Try not to move around no less than 3 years

Binary Trees:

* Has at most two nodes
* Root node that has 2 sub nodes
* Good for data bases
* Height based on levels
* Each node has a left and right pointer
* Empty means null
* Traversals:
  + Pre-order – 17 41 29 6 9 81 40
  + In-order – 29 41 6 17 81 9 40
  + Post-order – 29 6 41 81 40 9 17
  + Starts with left then right
* Left is smaller than parent/ right is bigger than parent)
* No duplicates
* BST Size (levels):
  + 10 – 1KB
  + 20 – 1MB
  + 30 – 1GB
  + 40 – TB

Final Project:

* Do DataBase instead of Assignment 3
* Binary Search Tree
* Customer inventory
  + First name
  + Last name
  + Customer ID

B+ Tree:

* Linked list for all bottom nodes/ list of nodes from BST

AVL Tree:

* Balance out the binary search tree