**Study Plan**

**STUDY ORDER:**

1. CodeFights Python
2. Python Notes
3. MATLAB from past Homeworks
4. Trees/Graphs, continue with original study plan!
5. **~~Look Into Interview Prep/Types, etc.~~**
6. **Review From Notes:**
   1. ~~Arrays and Array Lists~~
   2. ~~Linked Lists~~
   3. *Stacks*
   4. *Queues*
   5. *~~Trees~~*
   6. *~~BST~~ (skimmed a bit)*
   7. *Heaps and Priority Queues*
   8. *~~HashMaps~~*
   9. SkipLists
   10. *AVL Trees*
   11. *B-Trees*
   12. *Splay Trees*
   13. SORTING
       1. Bubble Sort
       2. Insertion Sort
       3. Selection Sort
       4. Merge Sort
       5. Quick Sort
       6. LSD Radix Sort
       7. MSD Radix Sort
   14. *String Searching*
   15. *Graphs*
   16. *Minimum Spanning Trees*
7. **CodeFights**
   1. ~~Arrays~~
   2. ~~LinkedLists~~
   3. ~~Hash Tables~~ (If time, go and do some more on other sites)
   4. *Trees: Basic*
   5. *Heaps, Stacks, Queues*
   6. *Graphs*
   7. *Trees: Advanced*
   8. *DFS & BFS*
   9. Backtracking
   10. Sorting
   11. *Dynamic Programming: Basic*
   12. Dynamic Programming: Advanced
   13. Common Techniques: Basic
   14. *Strings*
   15. Bits
   16. Common Techniques: Advanced
   17. RegEx

**Python Study Plan**

* Review solved problems from CodeFights:
  + Arrays
  + Linked Lists
  + Hash Tables
  + Trees: Basic
  + Heaps, Stacks, Queues
  + Graphs
  + Trees: Advanced
  + DFS and BFS
  + Backtracking
  + Sorting
  + Dynamic Programming: Basics
  + Dynamic Programming: Advanced
  + Common Techniques: Basics
  + Strings
  + Bits
  + Common Techniques: Advanced
  + RegEx
* Review my own python notes