# **Competitive Programming Theory+Problems List**

## **Basic Programming Problems**

https://www.geeksforgeeks.org/basic-programming-problems/

#### **Basic Mathematics**

https://www.geeksforgeeks.org/mathematical-algorithms/

https://www.geeksforgeeks.org/explore?page=10&category=Mathematical&sort By=submissions&ref=taocp

## Bit Manipulation

https://www.geeksforgeeks.org/bit-manipulation-for-competitive-programming/

https://www.hackerrank.com/domains/algorithms?filters%5Bsubdomains%5D% 5B%5D=bit-manipulation

#### STL

https://www.geeksforgeeks.org/the-c-standard-template-library-stl/

https://www.hackerrank.com/domains/cpp?filters%5Bsubdomains%5D%5B%5D =stl

https://cp.cyberlabs.club/docs/roadmap/stl/stl-problems/

https://www.geeksforgeeks.org/cpp-stl-practice-problems/

### **Number Theory**

https://www.geeksforgeeks.org/number-theory-competitive-programming/

https://cp.cyberlabs.club/docs/roadmap/number-theory/number-theory-problems

#### **Data Structure And Algorithm**

https://www.geeksforgeeks.org/dsa-tutorial-learn-data-structures-and-algorithms/