

Competitive programming with C, C++, Java or Python

1. Pick one Language either C, C++, Java or Python
2. Mathematics of Time and Space Complexity
3. Data Structures and Algorithms
4. Competitive programming questions and practice

Object Oriented Programming & Design

1. Object
2. Class
3. Inheritance
4. Polymorphism
5. Abstraction
6. Encapsulation
7. Coupling
8. Cohesion
9. Association
10. Aggregation
11. Composition

Web Design with HTML, CSS & Javascript

1. Hypertext Transfer Protocol (HTTP)
2. Web services
3. Designing Static Front end using Html & css
4. JavaScript to implement dynamic behavior
5. Web Hosting

Build Your Own Database

1. Data Modeling
2. Relational Data Model
3. Normalization
4. Transaction and Concurrency
5. SQL & No-SQL

Machine Learning with Python

1. Supervised Learning
2. Unsupervised Learning
3. Semi-supervised Learning
4. Feature Learning
5. Reinforcement Learning

Guidance for your Coding Projects in UG, PG & PhD

I will help you with my technical and coding skills to solve your hurdles in finishing your academic projects and teach you the necessary skills to finish your projects on your own. Be it a research project or engineering project, I make you catch fish not just provide you a fish.