

Gene Prediction Summer Internships

Join Gene Prediction summer internships to explore computational approaches and algorithms for identifying genes in genomic sequences, focusing on bioinformatics tools, machine learning models, and their applications in genomics and biotechnology.

Focussed Areas under Gene Prediction Summer Internship

1. Bioinformatics tools for gene prediction
2. Gene prediction algorithms and models
3. Machine learning in gene prediction
4. Comparative genomics for gene identification
5. Gene prediction in prokaryotic and eukaryotic genomes
6. Next-generation sequencing (NGS) data for gene prediction
7. Functional genomics and gene prediction
8. Genome annotation tools and platforms
9. Prediction of coding and non-coding genes
10. Applications of gene prediction in disease research
11. RNA-seq data for gene structure prediction
12. Gene prediction in plant and animal genomes
13. Gene prediction in microbial genomes
14. Integration of omics data for gene prediction
15. Gene regulatory elements prediction
16. High-throughput screening for gene discovery
17. Gene prediction in synthetic biology
18. Computational tools for splice site prediction
19. Gene prediction in evolutionary biology
20. Gene prediction for personalized medicine

Protocols Covered across various focussed areas under Gene Prediction Summer Internship

1. Gene prediction workflows using bioinformatics tools
2. Machine learning models for gene prediction
3. Next-generation sequencing data analysis for gene discovery
4. Comparative genomics for gene prediction
5. RNA-seq data processing for gene structure prediction
6. Genome annotation using prediction algorithms
7. Gene regulatory element identification protocols

8. Functional annotation of predicted genes
9. Gene prediction in microbial genomes
10. Splice site prediction methodologies

Duration: 5, 10, 15, 20, and 30 Days

Note: Please cross confirm whether internship slots for this field are available before joining.

[Click Here for Gene Prediction Summer Internship Fees](#)

Application Process and Other info