

White Biotechnology Internship Topics

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50 Active Categories	5 Focused Areas	Internships Internships
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White Biotechnology Internship Categories

AI Industrial Enzyme Engineering Research https://internships.nthrys.com/white-biotechnology/ai-industrial-enzyme-engineering-research	Machine Learning Biofuel White Biotech Research https://internships.nthrys.com/white-biotechnology/machine-learning-biofuel-white-biotech
AI Bioplastic White Biotech Research https://internships.nthrys.com/white-biotechnology/ai-bioplastic-white-biotech-research	AI Fermentation White Biotech Research https://internships.nthrys.com/white-biotechnology/ai-fermentation-white-biotech-research
AI Biorefinery Research https://internships.nthrys.com/white-biotechnology/ai-biorefinery-research	AI Microbial Cell Factory Research https://internships.nthrys.com/white-biotechnology/ai-microbial-cell-factory-research
AI Green Chemistry White Biotech Research https://internships.nthrys.com/white-biotechnology/ai-green-chemistry-white-biotech-research	AI Biosurfactant Research https://internships.nthrys.com/white-biotechnology/ai-biosurfactant-research
AI Textile White Biotech Research https://internships.nthrys.com/white-biotechnology/ai-textile-white-biotech-research	AI Waste Valorization Biotech Research https://internships.nthrys.com/white-biotechnology/ai-waste-valorization-biotech-research
Metabolic Engineering Microbial Strain Development https://internships.nthrys.com/white-biotechnology/metabolic-engineering-microbial-strain-development	Enzymatic Biocatalysis Process Optimization https://internships.nthrys.com/white-biotechnology/enzymatic-biocatalysis-process-optimization
Lignocellulose Biomass Conversion Research https://internships.nthrys.com/white-biotechnology/lignocellulose-biomass-conversion-research	Extremophile Enzyme Characterization Studies https://internships.nthrys.com/white-biotechnology/extremophile-enzyme-characterization-studies
Protein Expression System Development https://internships.nthrys.com/white-biotechnology/protein-expression-system-development	Fermentation Media Formulation Research https://internships.nthrys.com/white-biotechnology/fermentation-media-formulation-research
Biopolymer Synthesis and Characterization https://internships.nthrys.com/white-biotechnology/biopolymer-synthesis-and-characterization	Enzyme Immobilization Technology Development https://internships.nthrys.com/white-biotechnology/enzyme-immobilization-technology-development
Bioactive Compound Extraction Optimization https://internships.nthrys.com/white-biotechnology/bioactive-compound-extraction-optimization	Synthetic Biology Circuit Design Research https://internships.nthrys.com/white-biotechnology/synthetic-biology-circuit-design-research
Algae Cultivation and Biorefining https://internships.nthrys.com/white-biotechnology/algae-cultivation-and-biorefining	Anaerobic Digestion Biogas Enhancement https://internships.nthrys.com/white-biotechnology/anaerobic-digestion-biogas-enhancement
Chitosan Production from Fungal Sources https://internships.nthrys.com/white-biotechnology/chitosan-production-from-fungal-sources	Enzyme Kinetics and Reaction Engineering https://internships.nthrys.com/white-biotechnology/enzyme-kinetics-and-reaction-engineering
Lactic Acid Fermentation Scale-Up Studies https://internships.nthrys.com/white-biotechnology/lactic-acid-fermentation-scale-up-studies	Microbial Lipid Production Enhancement https://internships.nthrys.com/white-biotechnology/microbial-lipid-production-enhancement
Enzyme Engineering Through Directed Evolution https://internships.nthrys.com/white-biotechnology/enzyme-engineering-through-directed-evolution	Biosorption Material Development Research https://internships.nthrys.com/white-biotechnology/biosorption-material-development-research
Glycerol Valorization Biochemical Synthesis https://internships.nthrys.com/white-biotechnology/glycerol-valorization-biochemical-synthesis	Phytoremediation and Biofiltration Systems https://internships.nthrys.com/white-biotechnology/phytoremediation-and-biofiltration-systems
Probiotics and Enzyme Product Development https://internships.nthrys.com/white-biotechnology/probiotics-and-enzyme-product-development	Plasmid Engineering and Gene Expression https://internships.nthrys.com/white-biotechnology/plasmid-engineering-and-gene-expression

Lignin Depolymerization Research Studies https://internships.nthrys.com/white-biotechnology/lignin-depolymerization-research-studies	Microbial Consortium Optimization Studies https://internships.nthrys.com/white-biotechnology/microbial-consortium-optimization-studies
Enzyme Assay Development and Validation https://internships.nthrys.com/white-biotechnology/enzyme-assay-development-and-validation	Sugar Platform Chemical Conversion https://internships.nthrys.com/white-biotechnology/sugar-platform-chemical-conversion
Biofilm Engineering and Bioreactor Design https://internships.nthrys.com/white-biotechnology/biofilm-engineering-and-bioreactor-design	Natural Product Precursor Biosynthesis https://internships.nthrys.com/white-biotechnology/natural-product-precursor-biosynthesis
Protein Purification Method Development https://internships.nthrys.com/white-biotechnology/protein-purification-method-development	Ammonia Production from Biomass Sources https://internships.nthrys.com/white-biotechnology/ammonia-production-from-biomass-sources
Bacterial Cellulose Production Studies https://internships.nthrys.com/white-biotechnology/bacterial-cellulose-production-studies	Enzyme Cofactor Recycling Systems https://internships.nthrys.com/white-biotechnology/enzyme-cofactor-recycling-systems
Biocompatible Polymer Film Development https://internships.nthrys.com/white-biotechnology/biocompatible-polymer-film-development	Thermophilic Enzyme Production Research https://internships.nthrys.com/white-biotechnology/thermophilic-enzyme-production-research
Fermentation Monitoring and Control Systems https://internships.nthrys.com/white-biotechnology/fermentation-monitoring-and-control-systems	Xanthan Gum Production Optimization https://internships.nthrys.com/white-biotechnology/xanthan-gum-production-optimization
Enzyme Specificity Enhancement Research https://internships.nthrys.com/white-biotechnology/enzyme-specificity-enhancement-research	Bioethanol Production Process Development https://internships.nthrys.com/white-biotechnology/bioethanol-production-process-development
Vitamin and Nutrient Biofortification https://internships.nthrys.com/white-biotechnology/vitamin-and-nutrient-biofortification	Waste Stream Bioconversion Technologies https://internships.nthrys.com/white-biotechnology/waste-stream-bioconversion-technologies

White Biotechnology Internship Topics and Focused Areas

AI Textile White Biotech Research

- Enzymatic Fabric Degradation and Recycling
- Sustainable Dye Production Using Microbial Fermentation
- Biofiber Engineering and Protein-Based Textiles
- AI-Driven Fiber Property Prediction and Optimization
- Functional Textile Development via Bioengineered Finishing

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