

Lucas Reynolds

Biotech Data Scientist

Boston, MA

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LinkedIn | Portfolio

Biotech data scientist advancing medical research with AI

Experienced biotech data scientist with seven years of experience in genomics, bioinformatics, and predictive modeling for healthcare applications. Passionate about leveraging AI to drive breakthroughs in medical research.

Professional Experience

Biotech Data Scientist

GenomeAI Research | Boston, MA

August 2020 - Present

- Developed predictive models for drug discovery, reducing research timelines by 30%
- Analyzed genomic datasets to identify genetic markers for disease prediction
- Built deep learning models that improved gene sequencing accuracy by 20%

Bioinformatics Analyst

Precision Health Analytics | San Diego, CA

June 2016 - July 2020

- Conducted large-scale biological data analysis to support cancer research projects
- Developed machine learning pipelines for personalized medicine initiatives
- Optimized genomic sequencing processes, reducing costs by 25%

Education

Harvard University at Cambridge, MA | May 2016

Ph.D. in Bioinformatics

Key Skills

Genomics and
bioinformatics



Drug discovery
analytics



Predictive
modeling for
healthcare



Machine learning
for biological data



CRISPR and
genetic
sequencing
analysis

