

Dr. Amanda Lee

Research Data Scientist | 5 years experience

Contact: amanda.lee@email.com | Cambridge, MA

Education:

- PhD in Computational Biology, Harvard University (2019)
- MS in Biostatistics, Johns Hopkins University (2016)
- BS in Mathematics, Duke University (2014)

Experience:

Senior Data Scientist - Moderna (2021-Present)

- Developed machine learning models for drug discovery and development
- Built predictive models for clinical trial outcomes
- Created bioinformatics pipelines for genomic data analysis
- Applied NLP techniques to biomedical literature mining

Research Data Scientist - Broad Institute (2019-2021)

- Conducted research on machine learning applications in genomics
- Developed algorithms for single-cell RNA sequencing analysis
- Built predictive models for disease risk assessment
- Published research in Nature, Science, and Cell journals

Bioinformatics Analyst - Dana-Farber Cancer Institute (2018-2019)

- Analyzed cancer genomics data for precision medicine research
- Developed statistical models for biomarker discovery
- Created data visualization tools for clinical researchers

Technical Skills:

- Programming: Python, R, SQL, MATLAB
- ML/Statistics: scikit-learn, TensorFlow, Bioconductor, PyTorch
- Bioinformatics: GATK, samtools, bedtools, IGV
- Cloud: AWS, GCP
- Databases: PostgreSQL, MongoDB
- Specialization: Genomics, biostatistics, clinical data analysis

Publications: 12 peer-reviewed papers in high-impact journals