CONTACT

- mrose.lachs@gmail.com
- (914)-312-7042
- linkedin.com/in/miriam-lachs
- mlachs.github.io/

EDUCATION

Columbia University
Mailman School of Public Health
New York, NY | May 2026
MS Biostatistics
Public Health Data Science
GPA: 3.7

Emory University
Atlanta, GA | May 2020
BS in Quantitative Sciences
BA in Biology
GPA: 3.7

SKILLS

- **Programming & Analysis:** Python, R, SQL, SAS
- **Data Engineering & Cloud:** AWS Glue, Data Pipelines & ETL, API Integration, Cloud Data Engineering
- **Machine Learning & Statistics:** Predictive Modeling, Model Testing & Optimization, Statistical Analysis
- **Data Visualization & BI Tools:** Power BI, Amazon QuickSight, Tableau, Dashboard Development
- **Process & Strategy:** Business Intelligence, Process Automation, Data Architecture
- **Geospatial Analysis:** GIS

Miriam Lachs

BIOINFORMATICS CONSULTANT

PROFESSIONAL EXPERIENCE

Carehive
Data Intern, New York, NY | June 2025-Aug 2025
- Developed and optimized a machine learning model (XGBoost) to predict healthcare utilization, including literature review, data exploration, model testing, and performance comparison.
- Designed and implemented a novel dashboard to visualize and analyze employee satisfaction survey results for actionable insights.
- Streamlined data pipeline for social media analytics by integrating LinkedIn API, automating data extraction, and enabling seamless database uploads.

Slalom
Consultant, Atlanta, GA | June 2022–July 2024
Associate Consultant, Atlanta, GA | February 2021–June 2022
- Collaborated with a variety of businesses across industries to address challenges and build solutions for their data driven problems
- **Primary Data Engineer** for a major US airline working to stand up a data pipeline that tracked the equipment lifecycle of the whole aircraft using Pyspark and AWS Glue
- **Data Engineer** and **Application Developer** for telecommunications company. Developed, created and enhanced client facing applications for both backend data movement and UI functionality.
- **Data Visualization Specialist** and **Data Engineer** for one of USA's largest utility holding companies to build a new dashboard in PowerBI for their clients to track hourly emissions and the effect of special renewable programs on the client's carbon goals
- **Data Architect** and **Strategist** for a major US airline to help overhaul an old manual process flow tracking chemical and material usage for environmental reporting and designed a new automated process

eScholar
Professional Services Intern, White Plains, NY | Sep 2020–Feb 2021
- Led the transition of projects from Tableau to Amazon Quicksight and supported new opportunities as company SME
- Built user friendly automation system for specific cross-organizational data movement process using Python
- Investigated errors in statewide data remediation project
- Worked within customer support to help solve help-desk tickets

Perkins Eastman Architects
Business Intelligence Intern, New York, NY | June 2019–Sep 2019
- Developed a pipeline Marketing Report to help track opportunities
- Used R to create a new reports, update outdated report scripts and automated presentation file conversion
- Worked on making a new QA/QC report for project closeout

Yerkes National Primate Research Center
Student Researcher, Atlanta, GA | May 2017–Dec 2018
- Researched untargeted metabolomics of human malaria patients
- Wrote custom R code to clean, process and analyze data sets
- Aided in manuscript writing to present findings for publication
- Presented my findings at MaHPIC meetings

Additional Experience
- Analytics Intern | Willis Towers Watson | June 2018 - Aug 2018
- Teaching Assistant | Emory University | Jan 2018 – Dec 2018
- Independent Research Intern | University of British Columbia | Summer 2015