**RINA PATEL**

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**Bioinformatics Scientist**

I am a certified Medical Technologist professional experienced in hospital and healthcare environments and skilled in Laboratory Medicine and Laboratory Automation. I have a Master’s Degree in Health Informatics and a Bachelor’s Degree in Clinical Laboratory Science. I have outstanding programming skills and strong background statistics. I have participated in many projects related to Health Informatics, seen in my online portfolio, some of which involve Database Building with SQL, Health Analytics with SAS, Machine Learning with Python, Data Analytics with MATLAB, and Clinical Trial Data Management with REDCap.

**Signature Competencies**

* Biomedical Sciences
* Managed Care Environments
* Clinical Experience
* Data Presentation
* Charts & Graphs
* Laboratory Skills
* Data Analysis
* Data Integrity Verification
* Data Quality
* Biomedical Datasets
* Statistics Programming
* Extensive Clinical Knowledge
* Leadership Skills
* Problem-Solving
* MS Excel Spreadsheets

**Education**

**M.S. in Health Informatics** - May 2023 (GPA 3.8) – Rutgers University School of Health Professionals

* *SAS, Python, SQL, Corvid, MATLAB, REDCap, Healthcare Database Management, Health Information Systems, Clinical Information Systems, Biostatistics.*
* *Is experienced with Healthcare Database Management, Good Clinical Practice in Clinical Trials, Machine Learning, Clinical Decision Support Systems*

**B.S. in Clinical Laboratory Science** – Medical/Laboratory Science – Rutgers University School of Health Professionals

* *Dean’s List (Fall 2014 – Spring 2018)*
* *GPA 3.97: suma cum laude*
* *Winner, Health Professionals Research Day with Group Research Poster – Colorectal Cancer Case Study.*

**Professional Experience**

**MEDICAL TECHNOLOGIST II**  Sep 2021 – Present

**Quest Diagnostics – Bacteriology Department**

* Lead and mentor junior technologists in testing processes and execute quality control for lab tests.
* Deliver accurate results following complex testing of high-skilled and complex specimens.
* Meet turn-around times by organizing pending lists, engaging with providers to respond to test questions, and assisting Customer Solutions with inquiries about testing, updates, and samples.

**MEDICAL TECHNOLOGIST I** Sep 2018 – Sep 2021

**Quest Diagnostics – Bacteriology Department**

* Screened cultures for pathogens using laboratory best practices to identify infectious agents.
* Performed antibiotic susceptibility tests and released them to clients.
* Operated laboratory instruments to identify and test microorganisms, including Biomerieux Vitek-2, MALDI-TOF, Copan's WASPLAB, and Beckman Coulter's Microscan Walkaway Plus System.
* Detected MRSA by performing Alere PBP2a rapid tests, ThermoFisher Scientific’s Latex Steptex Latex Agglutination Test, Stapaurex Latex Agglutination T4est, and Remel Rapid ID Systems.
* Performed quality control on reagents and used simple biochemical testing to identify organizations using Quest Diagnostic's Standard Operating Procedures rapidly.

**Professional Affiliations and Academic Societies**

* Rutgers School of Health Professions Medical Laboratory Student Association – 2017
* Phi Beta Kappa Student Member – 2017
* Certified Medical Laboratory Scientist – American Society of Clinical Pathology (ASCP – 2018 – Present)