

Mohamad Muhammad

Clifton, NJ

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Education

New Jersey Institute of Technology (NJIT) | Newark, NJ

Bachelor of Engineering

September 2024-Present

Work Experience

Neogenomics | Ramsey, NJ

Medical Laboratory Assistant

April 2025-Present

- Enter gross descriptions into the Laboratory Information System.
- Prepare experiments, process tissue specimens, and maintain lab equipment.
- Perform quality checks on H&E slides using paraffin-embedded blocks.
- Manage workflow backlogs across histology lab sections.
- Help implement improved lab protocols and procedures.
- Support pathologists with case reconciliation and slide distribution.
- Dispose of biohazardous waste in compliance with safety standards.

Pathline | Ramsey, NJ

Medical Laboratory Assistant

January 2023-April 2025

- Handles all special requests for Histology, Cytology and IHC.
- Assigns and distributes cases to Pathologist following the case distribution list.
- Provide necessary QC assuring all slides match the tissue block before releasing slides.
- Packages slides for send-out, assuring all necessary paperwork is completed and attached.

Leadership Experiences & Activities

Al-Hikmah Elementary School | Prospect Park, NJ

Teacher Assistant

February 2023-March 2023

- Organize homework, trip forms, and events.
- Tutored students in math and science.
- Grade and format quizzes.

Robotics Club | NJIT

Member

January 2025-Present

- Collaborate with peers to design, build, and program robots using tools like Fusion 360, C++, and 3D printing

American Society of Mechanical Engineers (ASME) | NJIT

Member

January 2025-Present

- Participate in workshops, networking events, and technical sessions to support professional development in mechanical engineering.

Skills & Interests

Languages and Technologies: Python, C++, Visual Studio Code, PyTorch, Matlab, Microsoft Office (Word, Excel)

Spoken languages: English (Native), Arabic (Native)

Interests: Analytics, Programming, Weightlifting, Muaythai