

SUMMARY:

Highly motivated individual with a proven track record and a propensity for gaining new experiences and knowledge. Self-taught Python. Looking for an involved role within a research team.

EDUCATION:

NYU TANDON SCHOOL OF ENGINEERING | JULY 2022 — DECEMBER 2022

Certificate of Distinction | Key Coursework: Object Oriented Design, Discrete Math, Data Structures and Algorithms

CUNY HUNTER COLLEGE, NY | AUGUST 2016 – MAY 2021

Degree: B.A. in Biochemistry | Cumulative GPA: 3.45 | Major GPA: 3.49

Key Coursework: Biology Lab, General Chemistry Lab, Organic Chemistry Lab, and Biochemistry Lab.

HIGH SCHOOL FOR HEALTH PROFESSIONS & HUMAN SERVICES, NY | SEPTEMBER 2012 – JUNE 2016

CORE COMPETENCIES:

Technical:

RT-qPCR, RNA/DNA Extraction
Microsoft Excel, PowerPoint, Word
Windows, Mac and Linux OS's
Pandas, PyQt5, Requests

Strengths:

Computer Proficient
Organization & Time-Management
Research and Analytical Work
Quick to Adapt to Workflow Fluctuations

Languages:

English
Spanish
Japanese

PROFESSIONAL EXPERIENCE:

MIRIMUS, ASSOCIATE CLINICAL LAB SHIFT MANAGER, NY | JANUARY 2022 – PRESENT

MIRIMUS, VIROLOGY/ACCESSIONING TECHNICIAN, NY | SEPTEMBER 2021 - JANUARY 2022

- Perform daily RT-qPCR using QuantStudio 7 Pro and Flex PCR machines, RNA/DNA extraction using the KingFisher Flex Purification System and create primer-probe MasterMix solutions from IDT purchased primers and probes.
- Create Python3 scripts to assist with daily tasks such as data collection and data analysis.
- Analyze and publish COVID-19 results.
- Maintenance on laboratory equipment including QuantStudios, multi-channel Integra Voyagers, Mantis Liquid Handlers
- Worked cooperatively with client support team to provide sample information to answer client inquiries.
- Worked in a fast-paced environment and ensured thousands of samples were scanned under the appropriate client id.
- Created and updated SOPs for testing methods used within the clinical laboratory.

VOLUNTEER:

HUNTER COLLEGE, BIOCHEMISTRY PEER GROUP LEADER, NY | FEBRUARY 2021- MAY 2021

- Proctored exams, lead two different recitation groups on a weekly basis.
- Held office hours to answer student inquiries on lecture material.

REMOTE RESOURCE INITIATIVE, PS112Q TUTOR, NY | DECEMBER 2020 – APRIL 2021

- Tutored children ages 5 – 6 in phonics and mathematics.

BELLEVUE HOSPITAL, ONCOLOGY DEPARTMENT VOLUNTEER, NY | JANUARY 2015 - JUNE 2015

- Provided patients with meals according to their dietary restrictions.
- Aided in patient transportation and maintained paperwork of admitted and discharged patients.