

Israelle Johnson

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CAREER OBJECTIVE

To obtain a 10-week Co-op / Internship as a lab technician in an analytical chemistry or environmental laboratory.

EDUCATION

Rochester Institute of Technology, Rochester, NY

Degree: Associate, expected 2018

Major: Laboratory Science Technology

GPA: 3.97 (Dean's List: 2016-2017)

SKILLS AND QUALIFICATIONS

Analytical Instrumentation

- UV-Vis Single and Double Beam Absorption Spectrophotometer
- Infrared (IR) Spectroscopy
- Atomic Spectrophotometer (AAS, AES, and Hg)
- Analytical Balances
- Vertical and Horizontal Gel Electrophoresis Apparatus
- Analyte-Specific (pH and ISE) Meters/ Probes
- Thermocouple and various thermometers
- Total Dissolved Solids Meter
- Dissolved Oxygen Meter
- Portable Turbidimeter
- HPLC, Single and Multi-pump, Manual and Auto injection
- GC-MS
- GC-FID
- Fluorescence
- Capillary Electrophoresis
- Cyclic Voltammetry

Volumetric/Gravimetric Analysis

Titration
calibration curves
preparing standards

pipetting
filtration
concentration

distillation
separation techniques

Laboratory Applications

Chemical storage and labeling
safety practices
data collection
interpretation and reporting of data

organization of material in lab notebook
presentation of data using PowerPoint
spread sheets, and graphs

precision and accuracy of results
quality control
chemical reference sources
Material Safety Data Sheets

Biological/Microbiological Analysis

Microorganisms:

bacteria
protozoa
algae
cyanobacteria
fungi
yeasts
molds

Culture methods:

culture media preparation
pure culture techniques
aseptic techniques
bacterial population counts
dilution techniques for
colony counting
biochemical identification
testing.

Microscope slide

techniques:

aseptic techniques
negative staining
simple staining
gram staining
spore staining
acid-fast staining
motility determination

HONORS AND SCHOLARSHIPS

- Merit Scholarship from RIT
- President's Scholarship from RIT
- The State of Ohio Assembly, House of Representatives Award signed by Stephanie Kunze, State Representatives Ohio's 24th District awarded me for the highest praise
- Received an award from a State Senator signed by Jim Hughes, 16th Senate District for an outstanding achievement and accomplishments in Upper Arlington high school orchestra
- A National Honor Society Member at Upper Arlington high school

ACTIVITIES

Rochester Institute of Technology

- Orchestra – 3rd chair viola 2016-17
- Chamber orchestra – 1st chair 2016-17

Accomplishments

- Performed at the Ohio Music Education Association (OMEA)
- Received 2 small trophy awards from the OMEA
- Assigned as the viola section leader in Upper Arlington high school orchestra in Ohio during my freshman year.
- Invited to perform with the New Albany Symphony in Ohio in 2014

VOLUNTEER/COMMUNITY EXPERIENCE

- Forest Hills nursing home in Columbus, Ohio performed
 - playing viola
 - for 1 hour 6 times through the summer for 4 years.
- A public library in Columbus, Ohio
 - for 16 hours.
 - Stocked book materials where they belong from the cart onto the shelves.